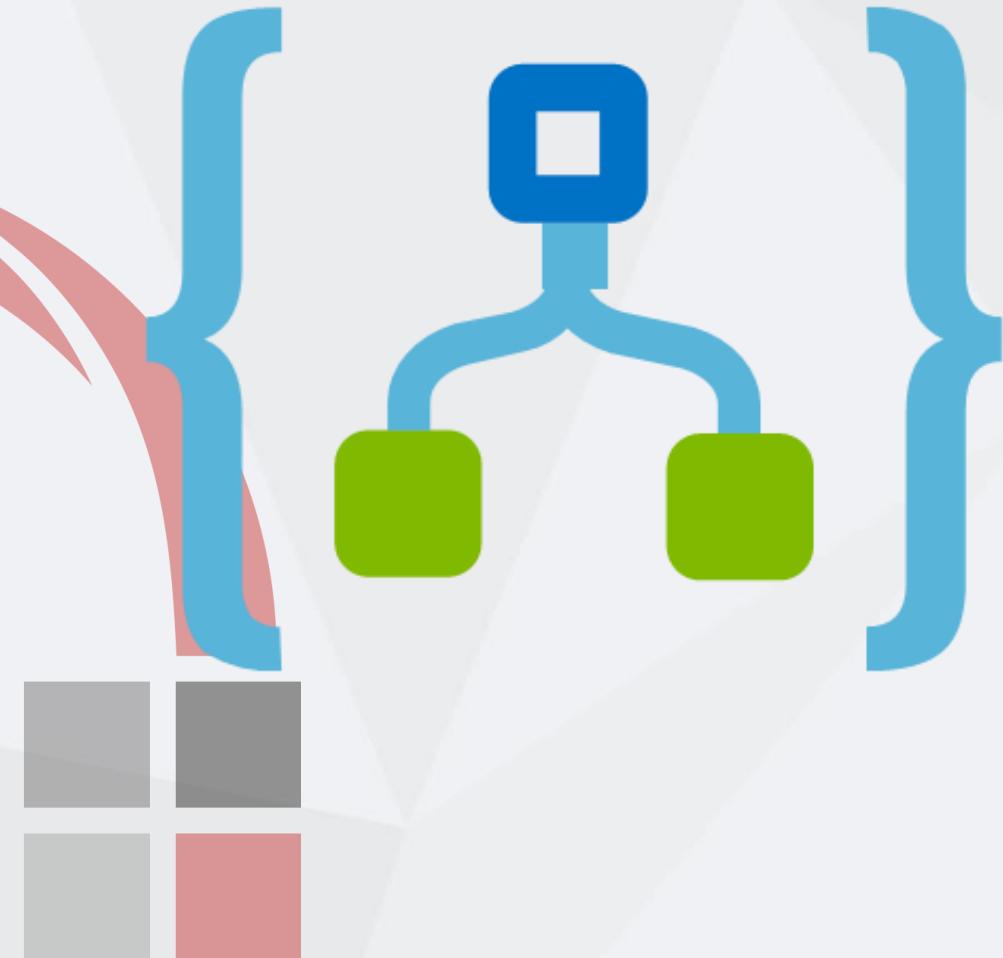




Enterprise Software Development

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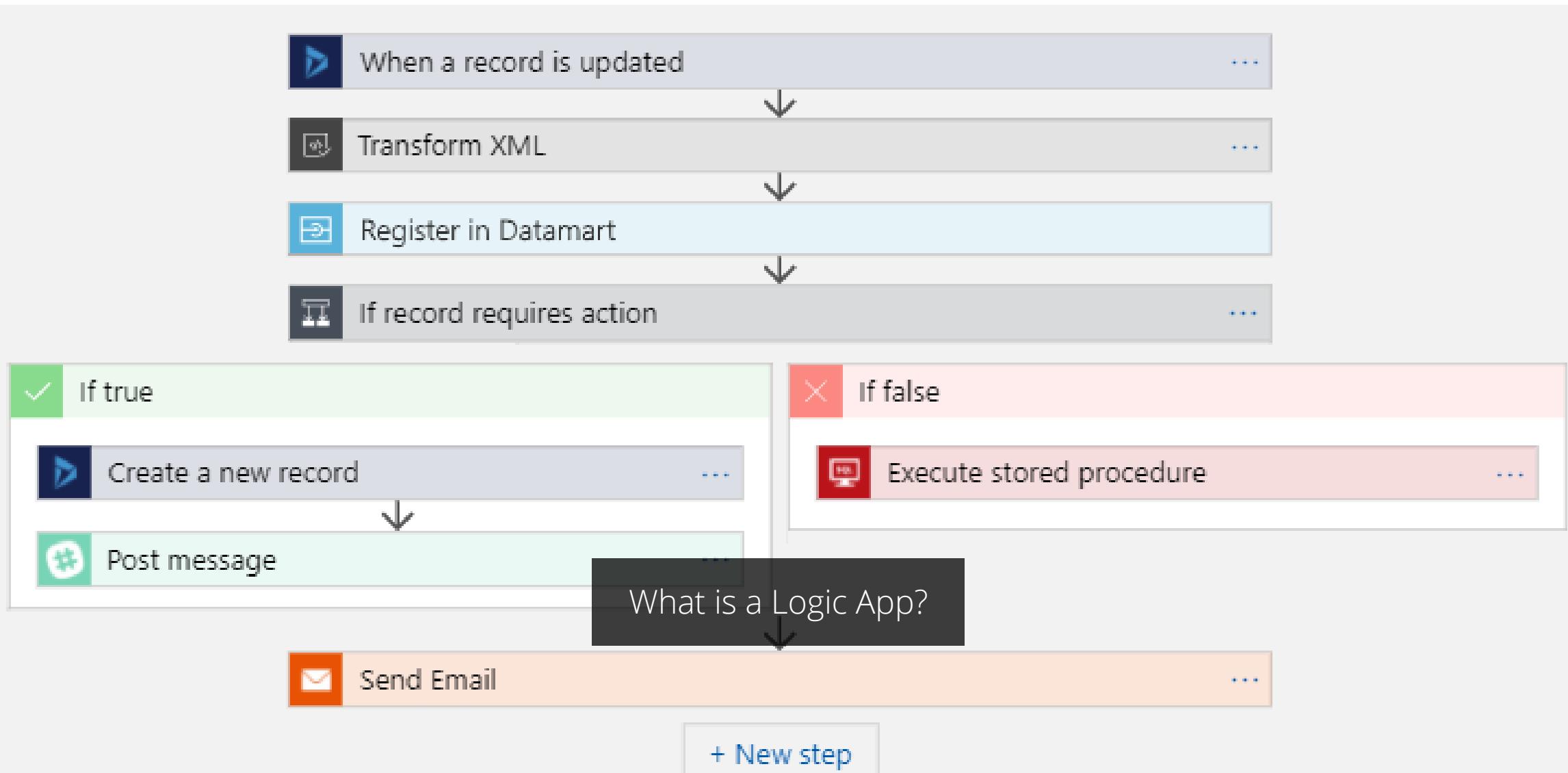
Logic Apps: Your gateway to a serverless future

March 2019

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s Designer

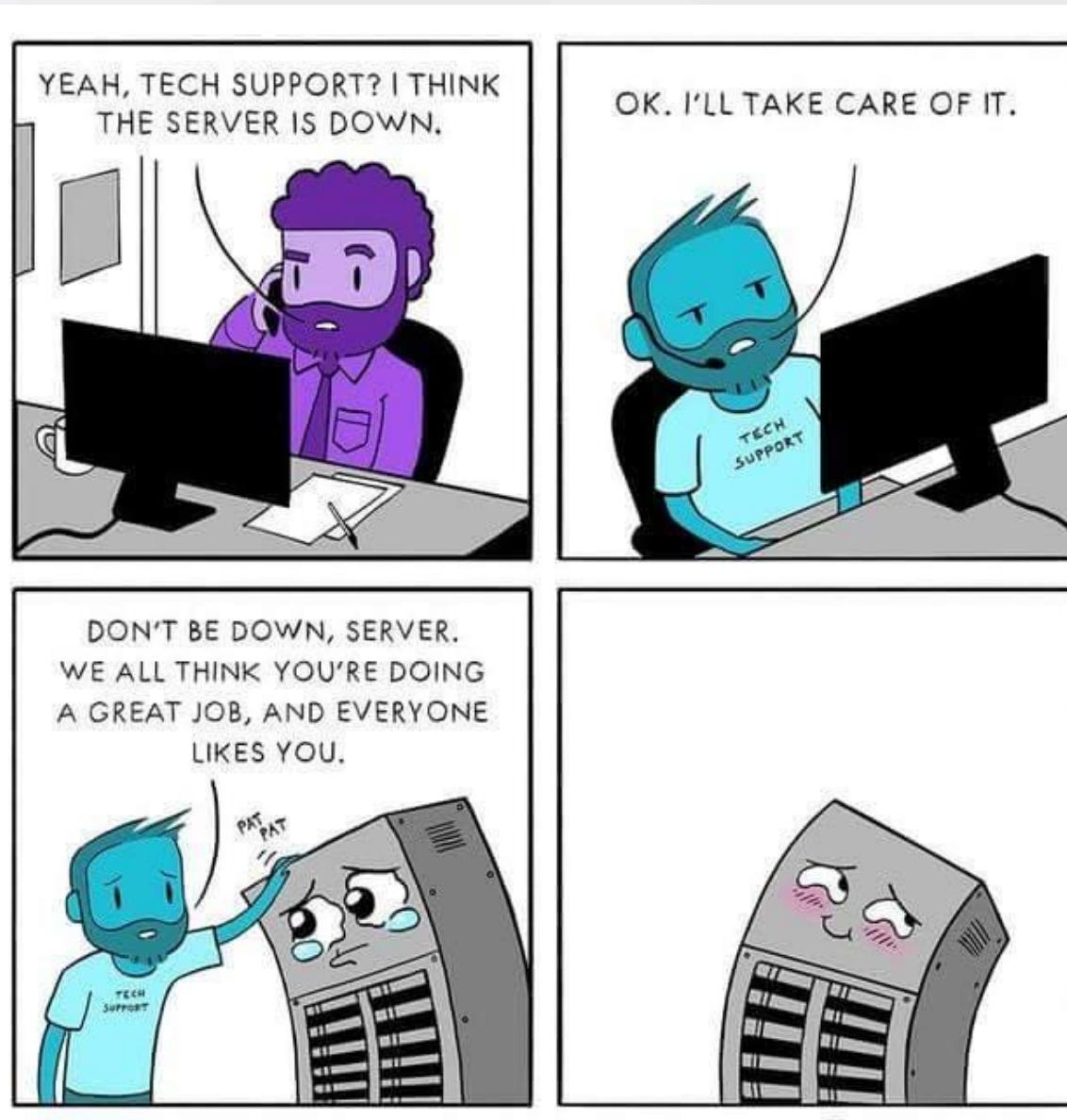
Discard Run Designer Code view Templates Connectors Help





Why?





WRITTEN BY @RAPHCOMICS

ART BY @PROLIFICPENCOMICS

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**SMALL
BRICK CITY**





Matt Wicks

SSW Solution Architect

Recently became a CSM

Long time lurker, first time poster

Mr DevOps

@matteightyate

github.com/wicksipedia

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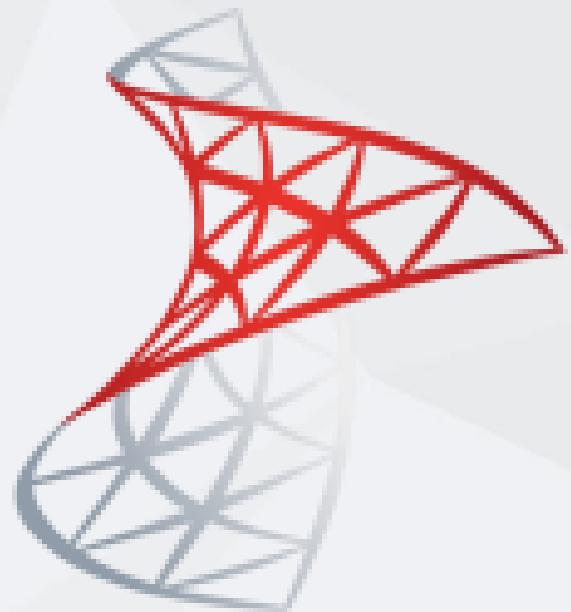
SSW Shorts

SSW Free Lunch

Something more business-y

Moving forward





Not a service

BizTalk

Last stable release
December 2016

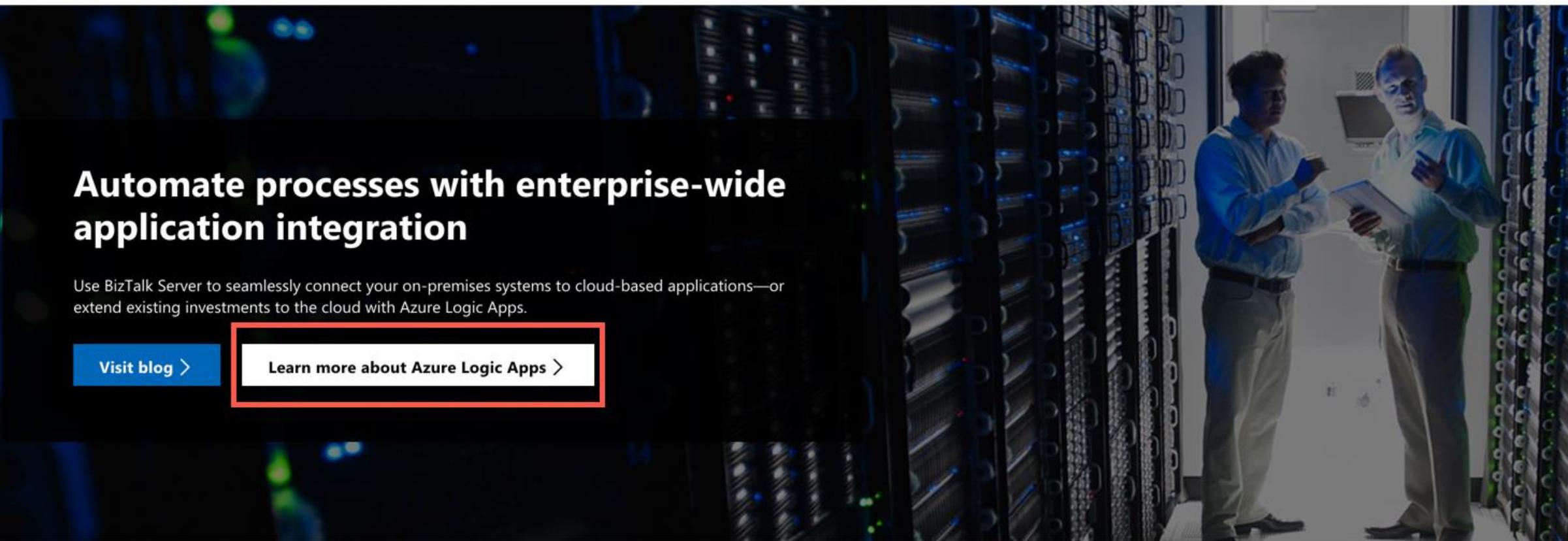


Automate processes with enterprise-wide application integration

Use BizTalk Server to seamlessly connect your on-premises systems to cloud-based applications—or extend existing investments to the cloud with Azure Logic Apps.

[Visit blog >](#)

[Learn more about Azure Logic Apps >](#)



Why Microsoft BizTalk Server for application integration?



Connect seamlessly

Access comprehensive capabilities and tools to connect mission-critical, on-premises applications.



Extend to the cloud

Extend your investment with hybrid connectivity between existing systems and cloud applications.



Go beyond integration

Add Azure services to gain new insights from connected systems.

[Watch the overview >](#)



IFTTT

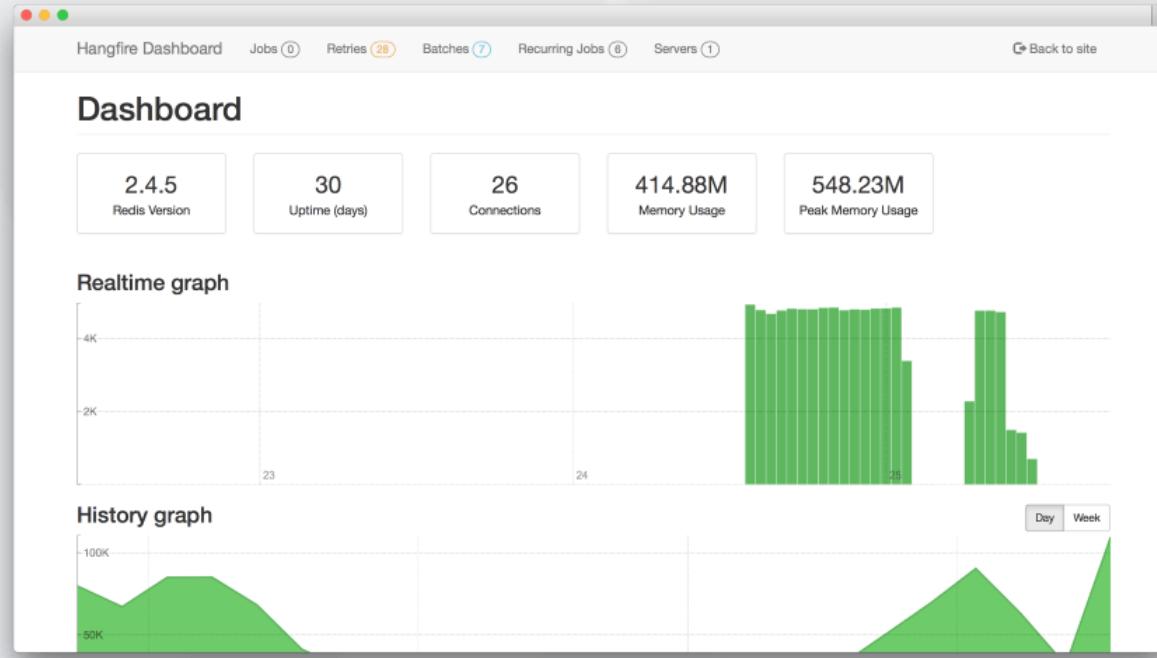
If This Then That

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Zapier

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Hangfire

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Azure WebJobs

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Azure Scheduler

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Microsoft Flow

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THIS IS

SharePoint

SSW Free Lunch

Private group

Search

+ New

Upload

Sync

Export to Excel

Flow

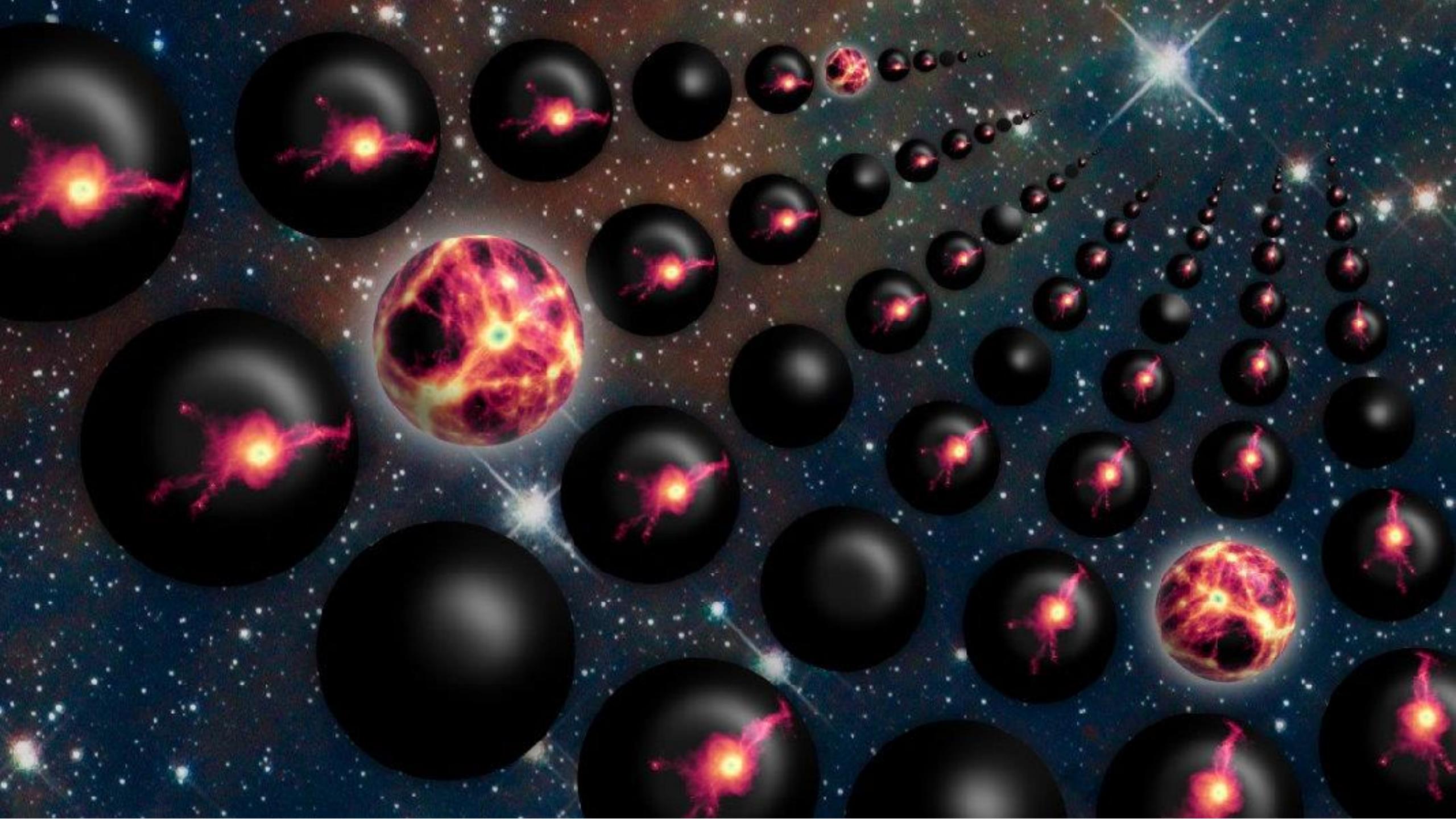


SHAREPOINT



Microsoft Flow

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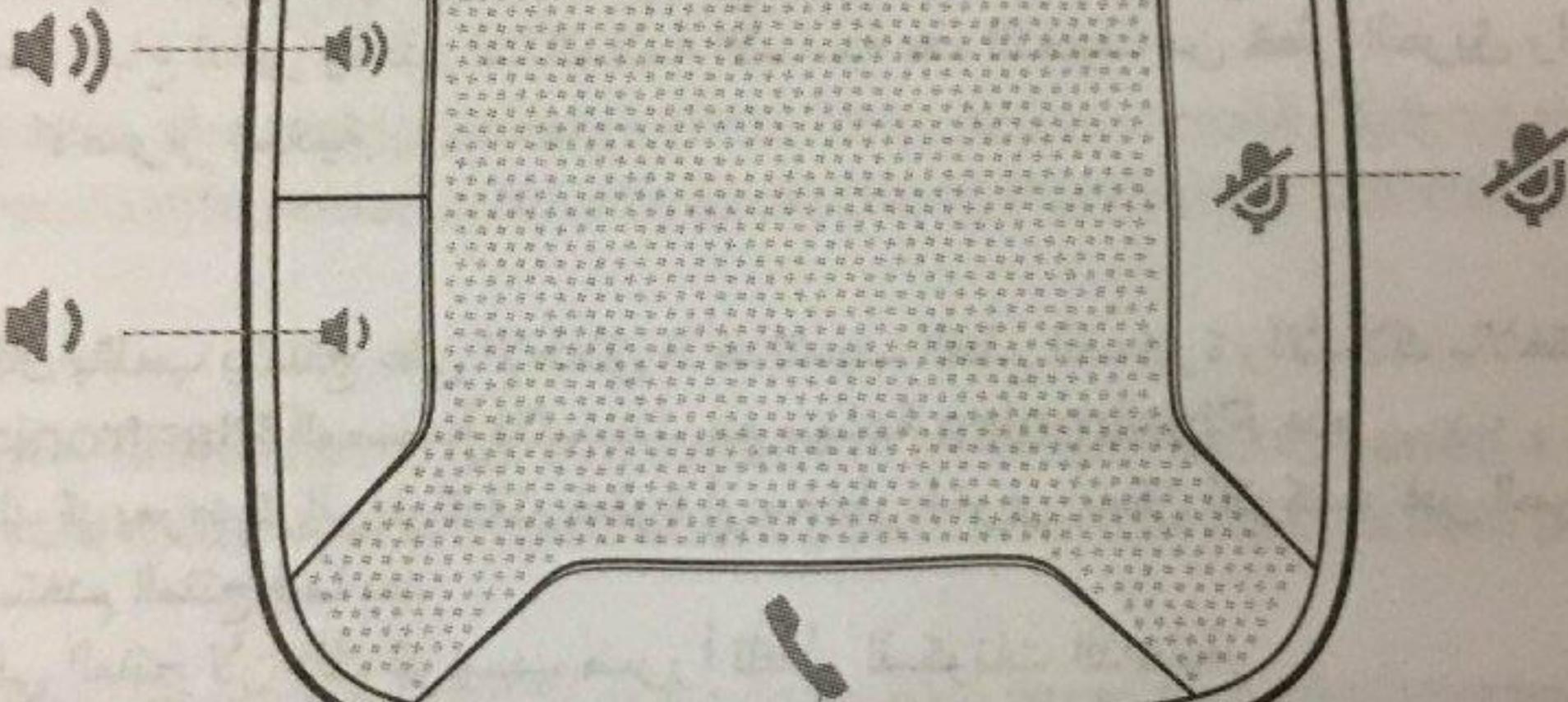


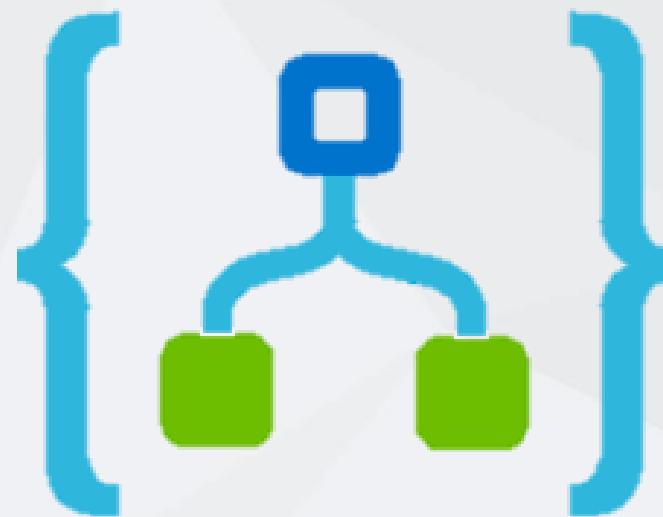






SCHLÜSSELDIENST





Logic Apps

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SSW.Shorts





A blaze moves through Deepwater National Park in Queensland on November 28, 2018. Thousands of people have been evacuated from their homes in northeastern Australia as bushfires raged across Queensland during a scorching heatwave.

PHOTOGRAPH BY ROB GRIFFITH, AFP/GETTY IMAGES

| ENVIRONMENT |

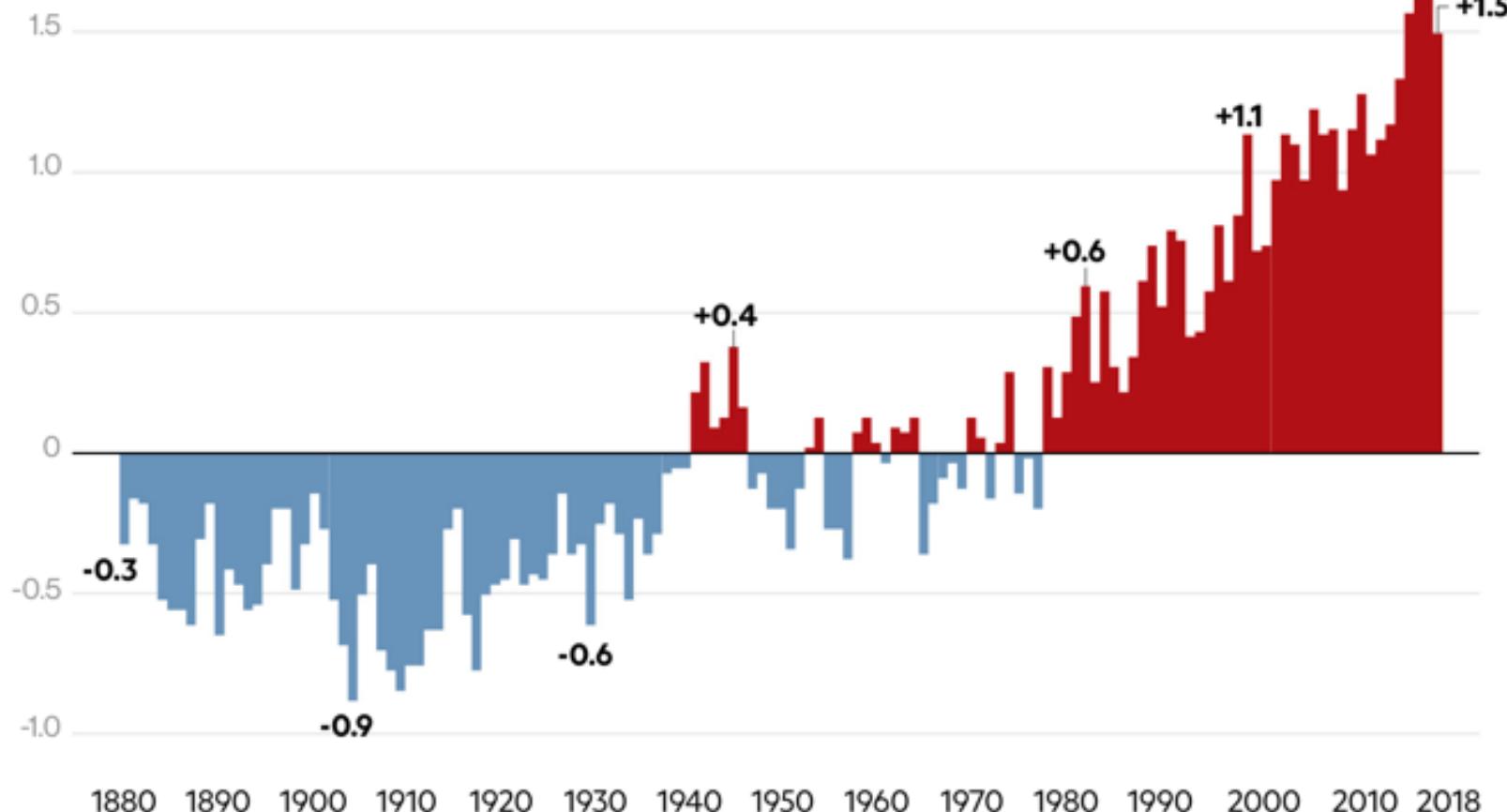
The last five years were the hottest ever recorded

The planet is warming up, and there's no sign of stopping.

<https://www.nationalgeographic.com/environment/2019/02/2018-fourth-warmest-year-ever-noaa-nasa-reports/>

Global Temperature

Difference from 1951-80 average, in degrees Fahrenheit



SOURCE: NASA

<https://www.nationalgeographic.com/environment/2019/02/2018-fourth-warmest-year-ever-noaa-nasa-reports/>



Donald J. Trump

@realDonaldTrump



Following

The concept of global warming was created by and for the Chinese in order to make U.S. manufacturing non-competitive.

RETWEETS

24,831

LIKES

14,654



2:15 PM - 6 Nov 2012



...

Demo – SSW Shorts v1



- Microsoft Flow
- MSN Weather Connector
- Outlook Connector

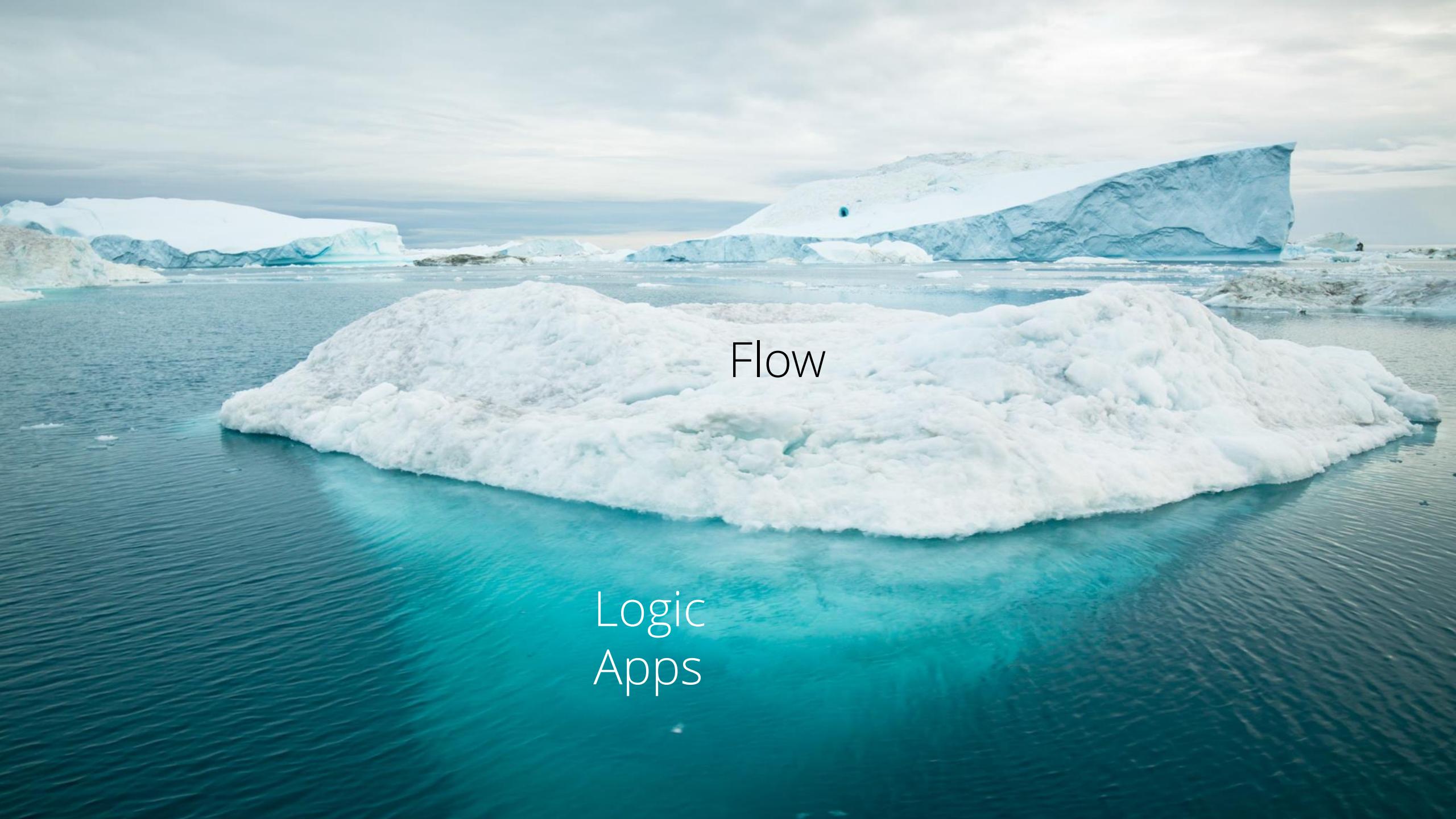


Microsoft Flow

Logic Apps

SAAS

PAAS

A wide-angle photograph of a large, white iceberg floating in a bright blue sea. The iceberg is partially submerged, creating a white wake behind it. In the background, more icebergs of various sizes are scattered across the horizon under a clear, light blue sky.

Flow

Logic
Apps

Flow vs Logic Apps: Who?

- Office workers
- Business users
- SharePoint administrators
- Pro integrators
- Developers
- IT pros

Flow vs Logic Apps: Why?

- Automating Workflows
- Simple integrations
- Extending Flow
- Extended/Advanced integrations

Flow vs Logic Apps: Where?

- Browser
- App
- Office 365 Service
- Browser
- Visual Studio
- Azure Service

Flow vs Logic Apps: How?

- Shared connectors
- Flow connectors
- Environment
- Analytics
- Pay by run
- Shared connectors
- Logic App connectors
- Each app is an independent entity
- **Azure Analytics**
- Pay by action run and connector run

Things Flow can do (that Logic Apps can't)

- Mobile App
- Buttons
- Environments
- Run as user
- User owns the flow

Region:

Australia East

Currency:

Australian Dollar (\$)

Pricing details

Every time a Logic App definition runs the triggers, action and connector executions are metered.

PRICE PER EXECUTION

Actions	\$0.000039
---------	------------

Standard Connector	\$0.000179
--------------------	------------

Enterprise Connector	\$0.001373
----------------------	------------

Data retention: \$0.17 GB/month

Connectors

Logic Apps connectors provide users with access to SaaS application and on premise data sources, click [here](#) for our growing list of Standard and Premium connectors.

Region:

Australia East

Currency:

Australian Dollar (\$)

Pricing details

Every time a Logic App definition runs the triggers, action and connector executions are metered.

PRICE PER EXECUTION

Actions

\$0.000039

**100000**

Standard Connector

\$0.000179

Enterprise Connector

\$0.001373

Data retention: \$0.17 GB/month

Connectors

Logic Apps connectors provide users with access to SaaS application and on premise data sources, click [here](#) for our growing list of Standard and

Region:

Australia East

Currency:

Australian Dollar (\$)

Pricing details

Every time a Logic App definition runs the triggers, action and connector executions are metered.

PRICE PER EXECUTION

Actions

\$0.000039

100000

Standard Connector

\$0.000179

22000

Enterprise Connector

\$0.001373

Data retention: \$0.17 GB/month

Connectors

Logic Apps connectors provide users with access to SaaS application and on premise data sources, click [here](#) for our growing list of Standard and

Region:

Australia East

Currency:

Australian Dollar (\$)

Pricing details

Every time a Logic App definition runs the triggers, action and connector executions are metered.

PRICE PER EXECUTION

Actions

\$0.000039

100000

Standard Connector

\$0.000179

22000

Enterprise Connector

\$0.001373

2900

Data retention: \$0.17 GB/month

Connectors

Logic Apps connectors provide users with access to SaaS application and on premise data sources, click [here](#) for our growing list of Standard and

Integrations

- Adobe Sign
- AppInsights
- Azure Storage
(Blob/File/Queue)
- Azure Cosmos DB
- Azure DevOps
- Azure Event Grid
- Azure Resource Manager
- Azure Cognitive Services

Demo – SSW Shorts v2



- Microsoft Logic Apps
- BOM Weather Data
- Outlook Connector

Never skip leg day

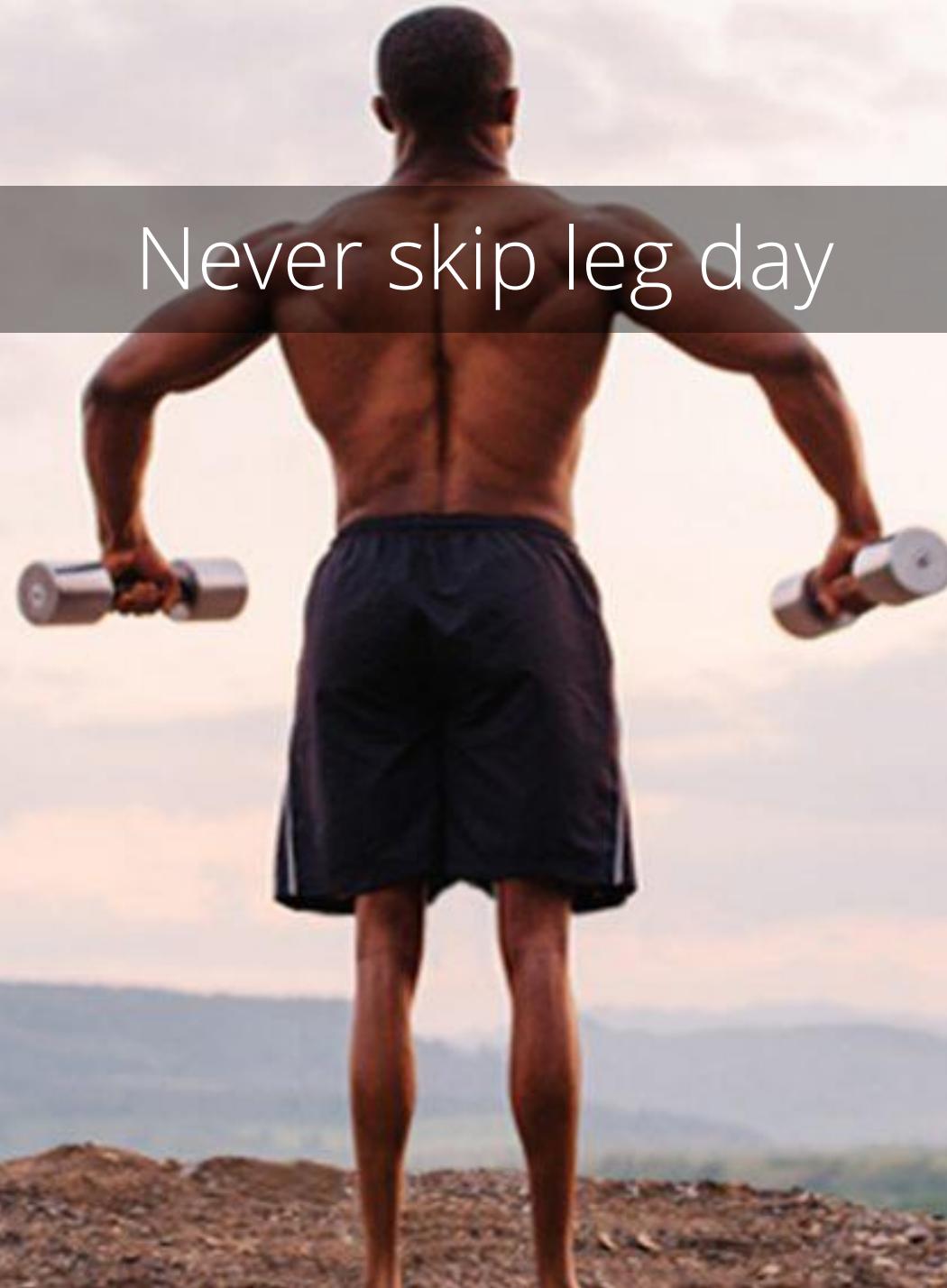


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Free Lunch?

- Fill out timesheets
- Make progress (or have completed) induction
- Answer a weekly email
- By Friday 12pm



Our Heroes

Meet Penny and Uly

They have busy Friday mornings

They want everyone to get a free lunch



****The Pain****

- TimePro for timesheets
- SugarLearning for induction progress
- Hunt through a busy inbox to look for replies
- Once at 11am and again at 12pm

Current Process



SSW - Reports Portal (SQL Server Reporting Services 2016)

Favorites Browse

Home > SSWTimePRO > ReportsSSW > 11_ValidateMissingTimesheets

SSW Ulysses

MY LEARNING LEADERBOARD ADMIN MORE

SSW Reports

20/01 Sun

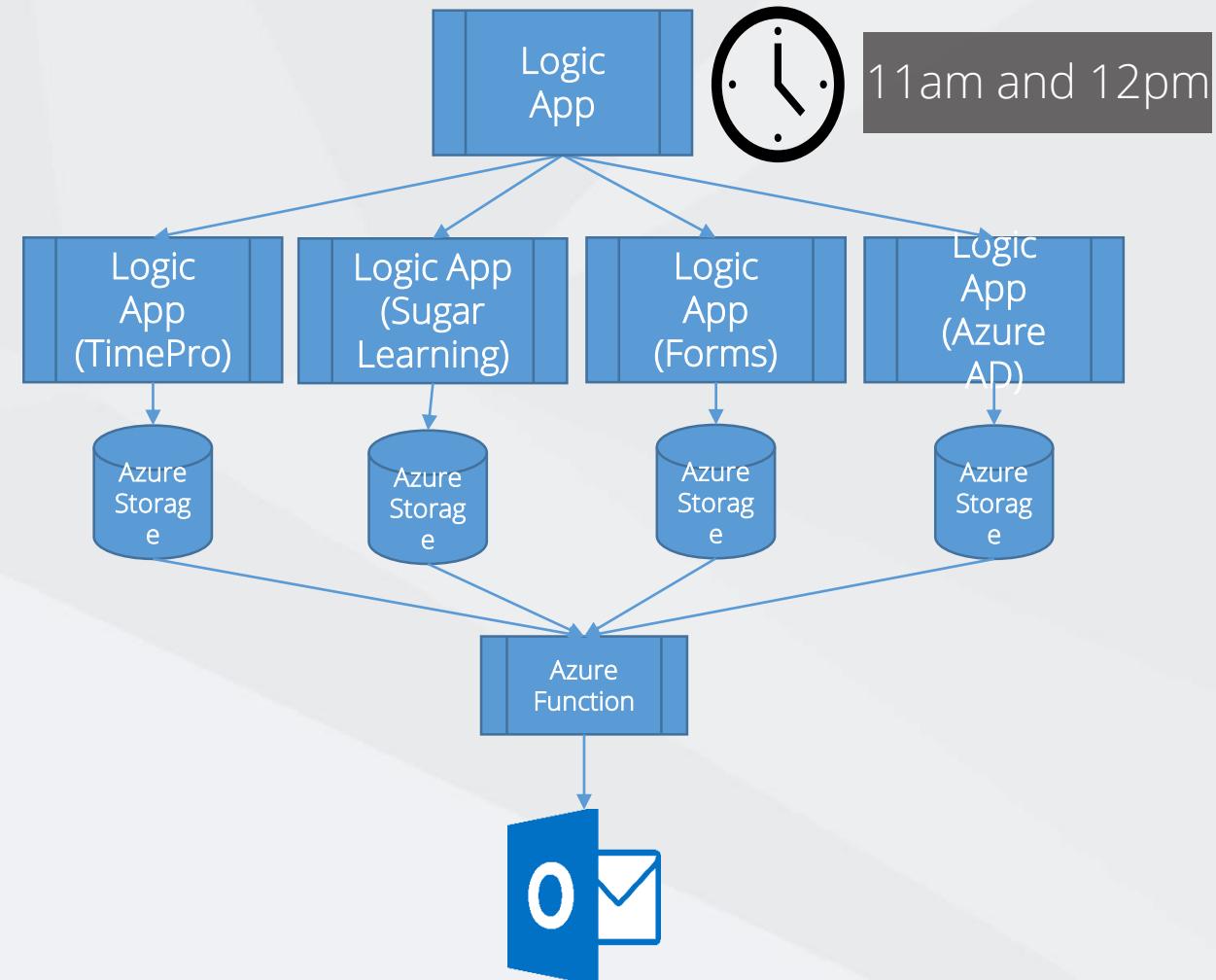
Users	Badges	Last Completed	Last Visited	Joined
0	0	6 months	6 months	6 months
5	4	2 months	2 months	11 months
5	11	1 month	8 days	8 months
0	0	1 month	2 days	3 years
0	0	1 month	1 month	4 years
1	1	1 month	2 days	4 months

We can do better

- Azure Logic Apps
- SugarLearning API
- TimePro API
- Surveys not Emails
- Configurable Rules
- Email results at 11am and 12pm

Architecture

- Logic App to orchestrate on a recurrence
- Logic Apps to retrieve data from various sources and store in blob storage
- Azure Function to retrieve data and report who is **not** eligible for free lunch
- Functions can be unit tested





Demo – SSW Free Lunch



- Logic Apps
- Azure Storage
- Azure Functions



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Demo – Customer Satisfaction



- Logic Apps
- Cognitive Services
- Action!

Summary

History

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SSW Free Lunch

Something more business-y

Moving forward

Greenfield Dream

- 100% Serverless
- JavaScript app hosted from Azure Storage
- Azure Functions and API Management
- Event Grid
- Cosmos DB

Thank you!

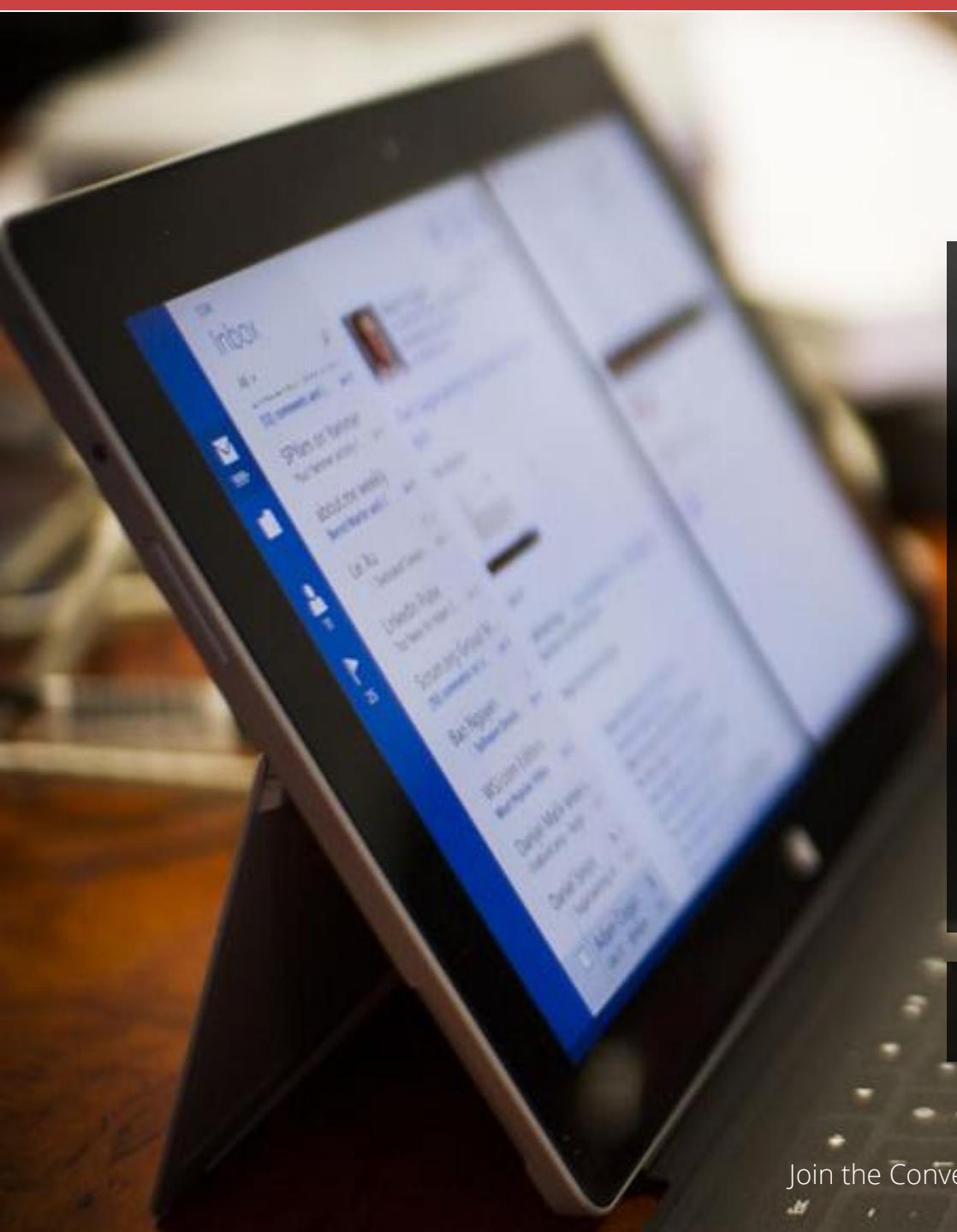


@matteightyate

info@ssw.com.au

www.ssw.com.au

Sydney | Melbourne | Brisbane | Adelaide

A close-up photograph of a tablet screen showing a Microsoft SharePoint list. The list contains several items with columns for Title, Description, and Status. The background is blurred, showing a keyboard and other office equipment.

How to use this powerpoint

.NET User Group October 2014



Adam Cogan

The Coganator



#AdamCogan (you can add Facebook etc.)

- Crushed a can with his bare fist once
- Every year jumps in a pool of ice water because he CAN
- Stole a pregnant lady's chocolate
- Look in fileserver for a high res version of your employee photo. \\fileserver\Datas\Photos\Employees

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Select this shape object

Drawing Tools > Format > Shape Fill

Change to whatever colour you want

Default is Black

Recommended selected color is any shade of red

Delete Extra Segments (Have no more than 6 chapters)



SSW Stock Photos - \\fileserver\Datas\SSW\Photos\Powerpoint-Stock\Images

SSW Rules

Do you know the best practices for building better software?

Home / Communication / Rules to Better Powerpoint Presentations

Are you following Rules to Better Powerpoint Presentations Rules to Better PPT?



Hold on a second! How would you like to view this content?

Just the title!

A brief blurb!

Gimme everything!

1. Do you know if you are using the template?

PowerPoint templates are designed to engage your audience visually and save you time. When you start creating a new presentation file, always make sure you use a template.

Help and improve these rules

Nothing great is easy. The SSW rules are a great resource for developers all around the world. However it's hard to keep rules current and correct. If you spot a rule that is out of date, please [email](#) or if you are cool [tweet me](#) ➡.

Adam Cogan

Our experience

For 20 years we have been servicing:
Sydney NSW, Melbourne VIC, Brisbane
QLD, Canberra ACT, Adelaide SA and

A close-up photograph of a spiral-bound notebook with a white cover and a red spiral binding. The notebook is positioned diagonally across the frame. A red pen lies horizontally across the top edge of the notebook. The background is a warm-toned wooden surface. In the bottom left corner, there are four small colored squares: a light gray square, a dark brown square, a medium gray square, and a reddish-orange square.

“Coming back to where you started
is not the same as never leaving.”

Terry Pratchett, *Hat Full of Sky*

```
Print CSS
```

```
<link runat="server" href="/ssw/Include/RavenPrint.css" rel="stylesheet" type="text/css" media="print" id="printCSS" />

<script type="text/javascript" src="/SSW/Scripts/jquery-2.1.0.min.js"></script>
<script type="text/javascript" src="/SSW/include/moment.js"></script>
<script type="text/javascript" src="/SSW/include/moment-timezone.js"></script>
<script type="text/javascript" src="/SSW/include/moment-timezone-data.js"></script>
<script type="text/javascript" src="/SSW/include/jstorage.js"></script>
<script type="text/javascript" src="/SSW/include/livestream.js"></script>

<title>SSW - Sydney's Leading Custom Software Consultants - .NET, SQL Server, Web, Windows and SharePoint, and Database Development</title>
<ContentPlaceHolder ID="HeaderScripts" runat="server">
<meta name="description" content="SSW - Australia's leading Scrum, .NET, SharePoint, TFS and SQL Server Consultants & Trainers. Specialising in Web, Intranet and BI development."/>
<ContentPlaceHolder>

<form id="form1" runat="server">
    <div id="Wrap">
        <div id="Main">

            <h1>This slide layout is best for screenshots of code where you don't want subtitles or text to distract</h1>

            <div class="width-full" id="livestream"></div>
            <div id="Menu">
                <div class="width-full">
                    <div id="MenuLogo">
                        <a href="/ssw/"></a>
                    </div>
                    <a class="ignore" id="facebook-menu" title="SSW on Facebook" href="https://www.facebook.com/SSW.page" target="_blank">Facebook</a>
                    <a class="ignore" id="twitter-menu" title="SSW on Twitter" href="https://twitter.com/SSW_TV" target="_blank">Twitter</a>
                    <div id="UserPanel">
                        <ssw:LoginStatus id="loginStatus" runat="server" />
                        <a style="border:0;" href="javascript:sendEmail('696e666f407373772e636f6d2e6175')" onmouseover="javascript:displayStatus('696e666f407373772e636f6d2e6175'); return true;">Send Email</a>
                    </div>
                    <div id="MegaMenu">
                        <ul1:Menu ID="Menu1" runat="server" />
                    </div>
                </div>
            </div>
        </div>
    </div>
</form>
```

Split

Source

<html> | <body> | <form#form1> | <div#Wrap> | <div#Main> | <h1>

Indenting Text

If you press tab

While selecting the text

You can indent it

Without adding bullet points

The Pros and Cons of Pie

- ✓ Pie is delicious
- ✓ I could eat a lot of pie
- ✓ I love pie
- ✓ Add your own animation you lazy buggers
- ✗ Pie is possibly too delicious
- ✗ Eating too much pie makes you fat
- ✗ I also like cheesecake

Cake versus Pie

Cake

- Sweet
- May contain cream
- Sometimes contains nuts

Pie

- Savoury.... Usually
- May contain meat and gravy
- Doesn't usually have nuts

Cake versus Pie versus...

Cake

- Sweet
- May contain cream
- Sometimes contains nuts

Pie

- Savoury.... Usually
- May contain meat and gravy
- Doesn't usually have nuts

Potato

- I love potatoes

This slide has no title, it's basically made for a huge block of text. You can style this however you want.

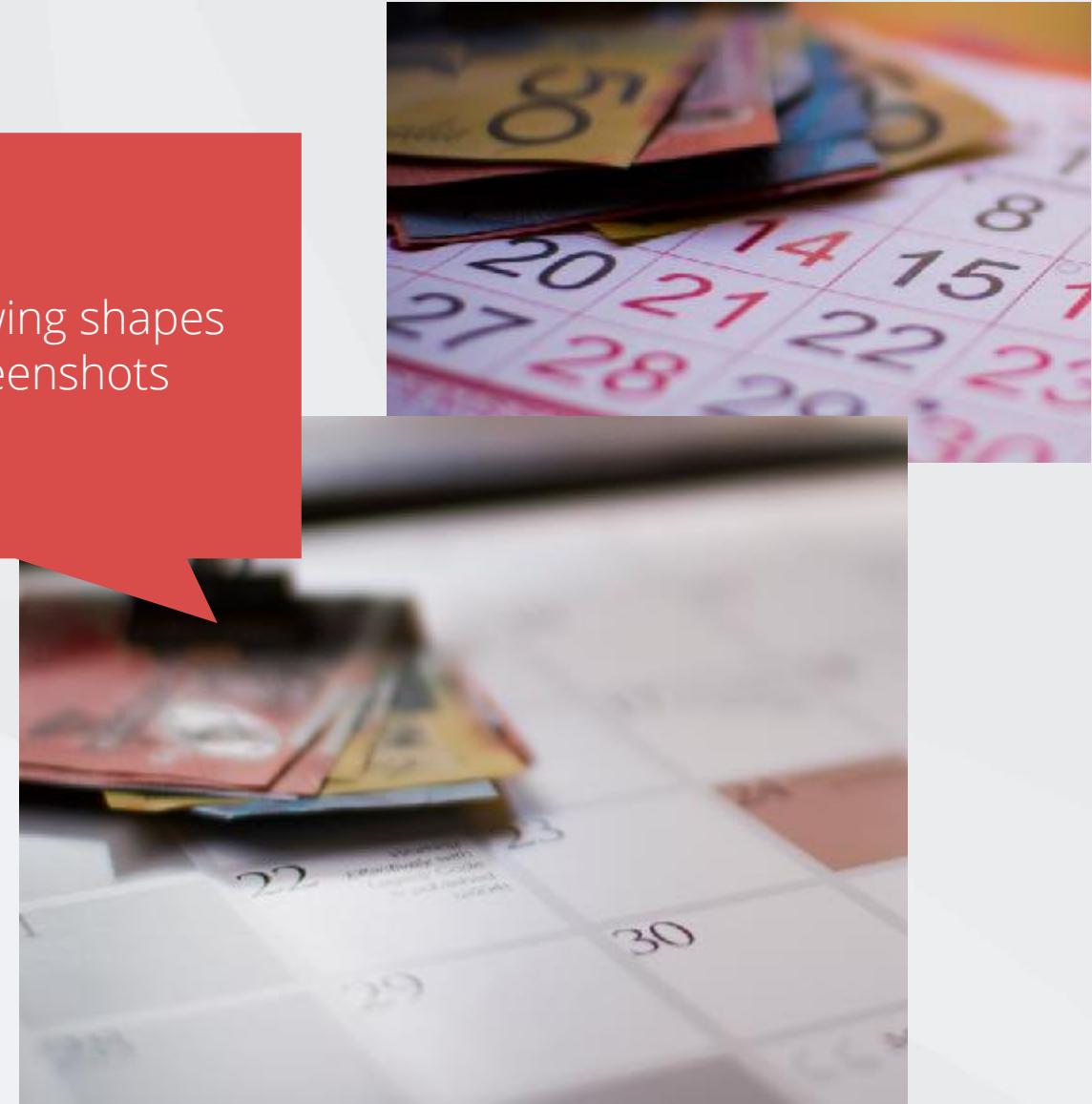
This slide has no title, it's basically made for a huge block of text. You can style this however you want.

With a custom style, the boring slide is now super classy

This is a
blank slide

You can do
anything you
want on this
slide

Mainly for drawing shapes
or small screenshots



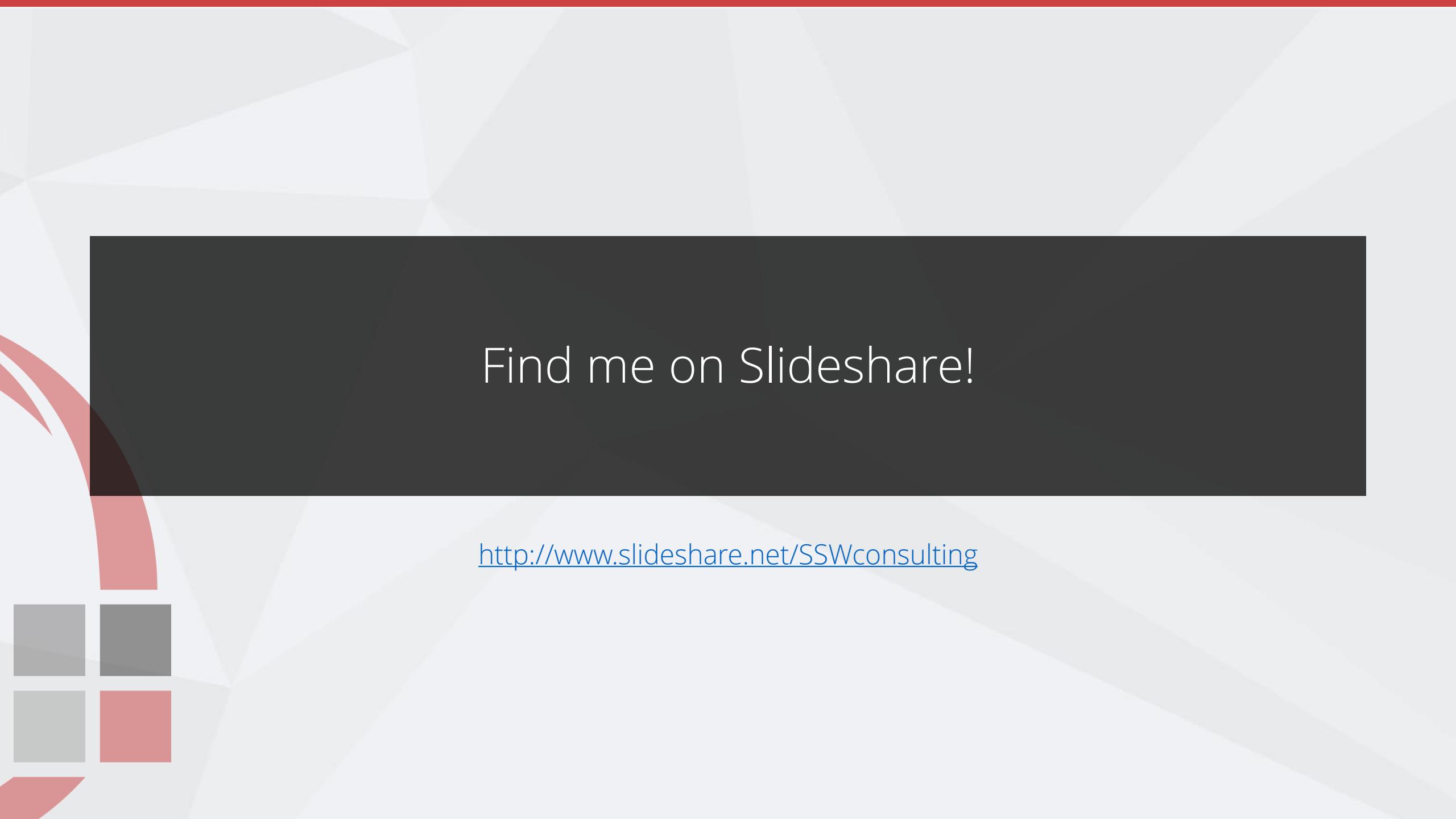


Thank you!

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<http://www.slideshare.net/SSWconsulting>