

# Technology Tuning Session Q2 FY20-21



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A long-exposure photograph of a desert landscape at night. The foreground shows a dark, sandy desert floor with some sparse, low-lying vegetation. In the middle ground, there are dark, silty hills or mountains. The sky is filled with numerous concentric, circular star trails in shades of blue and white, indicating a long exposure taken from a fixed point. The overall scene is dark and atmospheric.

# Defining our Tech Vision and Values

[https://office.wikimedia.org/wiki/Technology/Technology\\_Mission,\\_Values\\_%26\\_Vision](https://office.wikimedia.org/wiki/Technology/Technology_Mission,_Values_%26_Vision)

ion

[https://en.wikipedia.org/wiki/Sigma\\_Octantis](https://en.wikipedia.org/wiki/Sigma_Octantis)

# Tech Check-in Survey

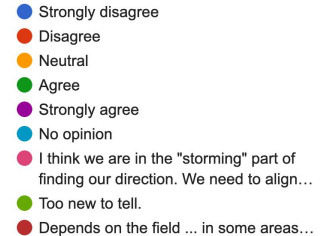
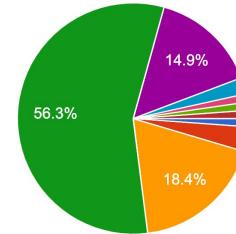
- **Survey across variety of topics:**

- Meetings, voice, management feedback, big picture (e.g. strategy)


- **My top three takeaways:**

- Most people consider the department healthy and headed in the right direction, but there are a number of people in the neutral category and a number of folks concerned over toxic behavior
- Our ability to communicate & collaborate effectively is top of mind in the free text comments (24)
- Desire for larger, longer term strategy and shared goals (8)

I think the Tech department is headed in the right direction  
87 responses







**“I'm always a bit apprehensive when we put the banners back up for new year since they had been down for a bit. But the 30th and 31st had no issues and was quiet.”**

- *Christine Stone, FR-Tech Engineer*

**“The quietest fundraising season yet”**

- *FR-Tech Engineer*



# MTP Priority slides



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# Platform Evolution



## Overview

We are continuing to evolve our architecture by introducing more structured data and leveraging machine learning – this is unlocking new capabilities in our products to support our communities. By improving our code quality, automation and developer tooling, we are increasing our capacity to innovate, experiment, learn, and deliver. Supporting our diverse technical communities is resulting in growth and enables solutions that engage with our content and data, and also leverages Wikimedia data beyond the core wiki experience. In support of Content Integrity, we continue to build and expand our tools and knowledge.

## Progress and Challenges

Great progress on the Machine Learning (ML) Platform: key infrastructure decisions were made, hardware procured, new ML Platform design published. Steady progress on content integrity including newly hired research scientist. US election task force delivering on it's program with no major incidents. First draft of Target Architecture has been created - evolution of our architecture has been eased through continued improvements to developer tooling and increased testing.



## OKRs

Content Integrity	
Evolutionary Architecture	

## Actions

- Build the MVP ML infrastructure and deploy first models
- Hire the Director of Anti-disinformation and Anti-disinformation Manager roles
- Socialize Target Architecture MVP and gather feedback

# Platform Evolution



## MTP Outcomes

We will build tooling for internal and external development and reuse of code and content

## MTP Metrics

A 80% increase in structured data used (uptake) across wikis.  
**Baseline:** 87M of pages across Wikimedia projects use Wikidata as of April 2020.

An 10% increase in non-text (e.g. Commons) content used across wikis.  
**Baseline:** 31.2M items from Commons are used across Wikimedia projects as of April 2020.

Y2  
Goal

Q1  
Status

Q2  
Status

Q3  
Status

Q4  
Status

80%  
increase

16% increase in percentage of use from 4/20 baseline

26% increase from baseline

-

-

10%  
increase

0.7% increase in percentage of use from 4/20 baseline

1.8% decrease from baseline

-

-





# Platform Evolution Metrics



## MTP Outcomes

A secure and sustainable platform that empowers a thriving developer community with the ease of software -as-a-service tooling

## MTP Metrics

	Y2 Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
30% <a href="#">increase of tool maintainers</a> <b>Baseline:</b> 1880 maintainers in Q2 (FY 19/20)	15% increase from baseline	8% (2033) increase from baseline	9.9% (2067) increase from baseline		
10% (4.2 / 5) increase in developer satisfaction <b>Baseline:</b> 2019 developer satisfaction: 3.8 / 5	4% (4.0)	Next survey will be conducted in early Q3	Next survey will be conducted in early Q3		
10% decrease in code review time <b>Baseline:</b> 19 days in June 2019	4% (18 days)	-5% (20 days)	-21% (22 days)		
20% decrease in outstanding code reviews <b>Baseline:</b> 1088 code reviews in June 2019	4% (1043 reviews)	15% (918 reviews)	21% (851 reviews)		



# OKR slides



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# Content Integrity



## Objective:

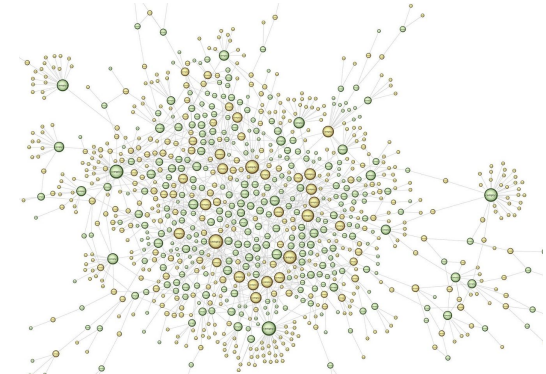
**The Wikimedia movement has the tools and knowledge to identify and respond to abuse, misinformation, and disinformation campaigns, in order to more efficiently and effectively improve the quality of content, defend the projects and retain the public's trust.**

Created models to detect inconsistencies between Wikidata and Wikipedia and understand the diffusion of content across Wikipedia communities.

Designed the infrastructure for serving Machine Learning models to detect Abuse, misinformation, and disinformation.

Hired for the Research Scientist - Disinformation role.  
Continue interviews for the Anti-Disinformation Director position.

**Target quarter for completion:** Q4 FY20-21



The OrangeMoody network of socks (ongoing)





# Content Integrity



## Key Results

	Year Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
<b>KR1:</b> Develop 1 model to identify misinformation (by Q3) and deliver 4 milestones towards 1 model to understand the diffusion of content on the Wikimedia projects (by Q4). <b>Baseline:</b> 0 milestones	4	1	2	-	-
<b>KR2:</b> Complete 4 product integrations (e.g. link recommendations) of internally built machine learning models and services for improving content integrity <b>Baseline:</b> 0 models in the new ML platform	4	0	0	-	-
<b>KR3:</b> Coordinate and report quarterly on the disinformation activities across teams, establish a community support forum (by Q3), and participate in 10 external relationships (by Q4) including academia and industry partners. <b>Baseline:</b> 0	10	5	5	-	-



# Evolutionary Architecture



## Objective:

**A new Wikimedia Knowledge Platform is defined, building upon our key technologies, enabling our development teams to deliver value independently, and empowering our communities to share the world's knowledge in the spaces and formats which reflect their values and cultures.**

---

Design system-level target architecture that model the mission

- Presented multiple, integrated models for a holistic approach
- Initial model of platform with event-based interactions and study group formed

Deliver exploratory prototype demo'ed last quarter

- Shared summary document cross-functionally to create understanding and alignment
- Share demo for feedback

Establishing architecture practice with other teams

- Design and model an systems architecture repository with Abstract Wikipedia Team
- Collaborate with Structured Data team to adopt patterns established by the prototype
- Contributing architecture view to the overall Product Strategy Working Group

**Target quarter for completion:** Q4 FY20-21



Department: Technology

# Evolutionary Architecture



## Key Results

**KR1:** Reached level 3 of the Architecture Maturity Model ([AMM](#)) for at least 85% of capabilities by Q4.

**Baseline:** 4 capabilities at Level 1 (50%), 4 capabilities at Level 2 (50%)

**KR2:** Engineers have an improved understanding of current architecture and target architecture, enabled by the outputs of reaching level 3 for the AMM Architecture Development capability, “Gap analysis, modeling and iterative strategy for reaching a target architecture are completed”, measured quantitatively through surveys in Q1, Q2 and Q4.

**Baseline:** TBD in Q2

**KR3:** 4 new service components in production delivering new capabilities, enabling and adopting industry standard best practices for architecture, engineering and deployment, allowing for the mitigation of risks for both development teams and operational stakeholders, building trust in our development processes. 1 service in be end of Q2, 2 by end of Q3, and 4 by end of Q4

**Baseline:** Zero services

Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
move 85% of capabilities to Level 3	37.5% at Level 1 62.5% at Level 2	100% at L2 28.5% at L3	-	-
Baseline TBD	Baseline survey pushed to 3rd week of October	Survey sent Jan 2021	-	-
4 services decoupled	50% (2 services)	50% (2 services)	-	-

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**Coming Soon**  
to your inbox!

**Structured Content**  
Proof of Value

Summary Document



Hands-on Demo



# Efficacy & Resilience OKRs



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# Front Line Defenses



## Objective:

**Our infrastructure and data are staffed, secured and provisioned appropriately in each area to successfully prevent or handle malicious attacks, the unavailability of one system component, or the unavailability of a staff member.**

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We've started planning for our 2nd EMEA data center and *analyzed options* for EU data center locations against requirements, and presented a *shortlist of candidate cities* for input and investigation by the Legal team.

We've strengthened our MediaWiki & Kubernetes knowledge & capacity in the SRE Service Ops team; **one** SPOF staff member position filled, **four** additional SPOF positions are in active hiring.

Continue to add maturity to our cybersecurity capabilities to address risk and threat stemming from disinformation. Security incident response, vulnerability management and privacy.

**Target quarter for completion:** Q1 FY21-22



# Front Line Defenses



## Key Results

	Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
<p><b>KR1:</b> We will plan (by end of Q3), build (Q4) a second EU data center, to better serve EMEA users (by end of FY21/22 Q1).</p> <p><b>Baseline:</b> one EU data center</p>	Two EU data centers	1 EU data center (planning not started yet)	1 EU data center Shortlist of cities prepared	-	-
<p><b>KR2:</b> The number of staff members solely responsible for a system or piece of software in production is reduced by 50%, from 8 to 4, by end of Q4.</p> <p><b>Baseline:</b> 0 SPoF positions filled</p>	Hire for 4 SPoF positions	0% filled 1 hiring process in final stages	25% filled 4 SPOF positions in active hiring	-	-
<p><b>KR3:</b> Implement a threat identification and risk treatment program (Q1) and deploy effective countermeasures for the top 2 threats and risks per quarter thereafter.</p> <p><b>Baseline:</b> Partial risk management policy and 0 threat intelligence feeds.</p>	6 threat and risk countermeasures deployed	Completed Q1 items	4 countermeasures deployed		



Katherine Maher @krmaher · Nov 25, 2020  
Oh man, @Wikimedia SREs.



AFP News Agency @AFP  
Replying to @AFP  
#BREAKING Football legend Maradona dead  
#AFPSports

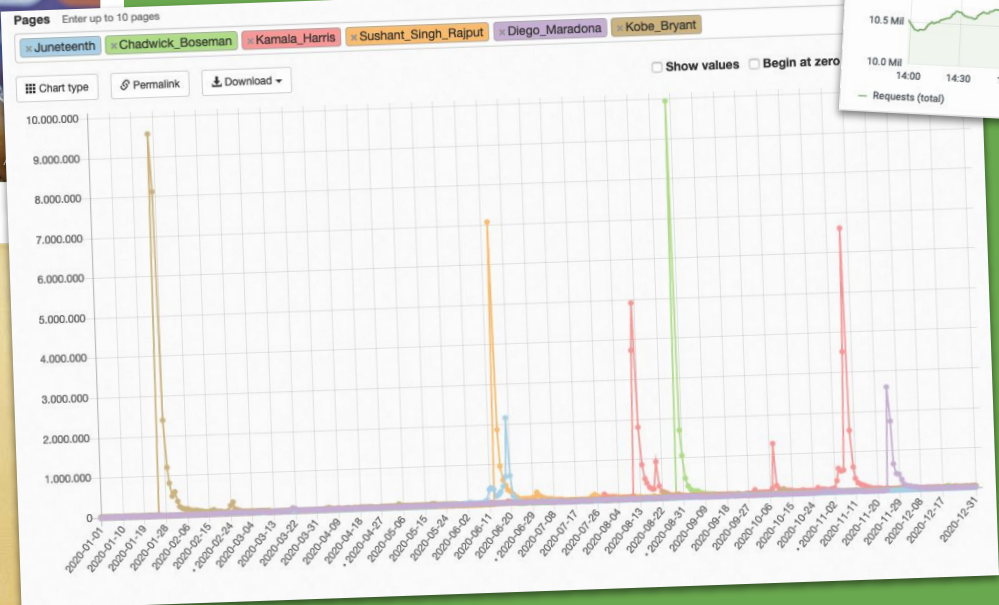


Jaime Crespo @jynus



Over the past year, we've invested in making our services more resilient to load/request spikes.

Due to various enhancements in the application and CDN (1, 2), network and observability layers have improved performance and reliability in certain edge cases.



Maradona request spike

This seems to be bearing fruit.

# Technical Community Building



## Objective:

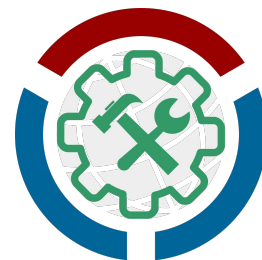
**Our technical community is thriving and has a clear, consistent means to discover, build, and deploy applications that support community workflows, invent new forms of content creation and consumption, and leverage Wikimedia's APIs and data beyond the core wiki experience.**

A [working prototype](#) of the [Toolhub](#) catalogue project is available for testing. This enables us to gather early feedback on the application. The proof of concept for the new deployment workflows in Toolforge has been completed. We have adapted the timeline for Q3 and Q4 work on the new deployment workflows in Toolforge to balance out unexpected resource gaps.

We have reached out to South Asian, ESEAP and Kurdish communities to explore potential and need for technical workshops. First workshops with South Asian and Kurdish communities are planned for Q3.

We have conducted exploratory conversations with WMF and WMDE teams around technical documentation workflows and needs. We moved the analysis and summary into Q3, and expect to be back on track by the end of Q3.

**Target quarter for completion:** Q4 FY 21/22



Department: Technology



# Technical Community Building



## Key Results

**KR1:** Communities find the tools that they need through the new Toolhub catalog system (technical plan Q1, working prototype Q2, MVP Q4), and developers create more diverse solutions using a user-extensible, container-based default deployment process (working prototype Q4) in Toolforge.

**Baseline:** n/a

**KR2:** A 10% increase in number of tool maintainers (4% by end of Q2) speaks to a vibrant ecosystem of technical contributors, supported by an iterative model and practice of community and capacity building (Q1 draft, Q4 MVP) which has been refined through 3 initiatives in focused outreach to technical communities (Q1-Q4).

**Baseline:** 1974 tool maintainers

**KR3:** An organization strategy for key technical documents informs a continuing roadmap based on a process of drafts (Q1) refined by consultation with staff (Q2) and community input (Q3) and a prototype of a single entry point to lower barriers finding existing documentation (Q4).

**Baseline:** n/a

	Year Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
	Toolhub MVP, working prototype for new deployment process	Q1 goal complete	Q2 goals complete	-	-
	10% increase in number of tool maintainers, MVP model of community and capacity building	3% (2033), draft concept	4.9% (2067)	-	-
	Prototype for a single entry point for technical documentation	Q1 goals complete	Interviews with staff in progress, not completed	-	-





API



ENGLISH



# Welcome to Toolhub

An authoritative and well promoted catalog of Wikimedia tools.

[Learn more about Toolhub on metawiki](#)

✂ 364 tools found

🕒 364 tools last updated on Jan 5, 2021 10:55 AM



## Toolhub

Toolhub provides both an API and a user interface for documenting and browsing a community curated...

Author(s): Wikimedia Foundation

[LEARN MORE](#)

[BROWSE TOOL](#)



## ZppixBot

IRC bot running sopol. Website is licensed under Apache 2.0, the bot's upstream source code is licensed...

Author(s):  
MacFan4000, paladox,  
Reception123, RhinosF1,  
Voidwalker, Zppix

bot irc zppixbot

[LEARN MORE](#)

[BROWSE TOOL](#)



## Zonestamp

A timezone converter for online events. Wikimedia version of <https://zonestamp.com> by Raquel M...

Author(s):  
Derk-Jan Hartman, Jean-Frédéric, Raquel Smith

clock events timezones

[LEARN MORE](#)

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<https://toolhub-demo.wmcloud.org/>

# Production Quality



## Objective:

**Engineering teams at WMF have a shared understanding of development velocity, production health, and code quality, and they develop commitments and workflows for improving overall code health.**

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The purpose of this Objective is to streamline and strengthen our development, deployment, and hosting practices to improve the daily lives of our technical community.

Most of this work is highly cross-team and cross-department dependent (*Service Level Objectives and Code Health Objectives {SLOs & CHOs}*) and we want to thank those who have participated thus far for their engagement. We look forward to more engagement in the remainder of the year.

The GitLab consultation was completed in Q2 and we are now beginning the work to setup our self-hosted installation.

The Deployment Pipeline project continues to move forward but also uncover added work along the way. We expect attaining our goal this fiscal but it will be very close.

**Target quarter for completion:** Q4 FY20-21



Department: Technology

# Example: etcd SLOs

	SLO	Reporting period: Sept 1 - Nov 30 2020		
		SLI	Error budget used	SLO met?
Availability SLO	<b>99.9%</b> of requests are successful (without errors)	99.99116%	0.01%	✓
Latency SLO	<b>99.8%</b> of requests will be under 32 ms	99.89999%	50.0%	✓

**SLOs:** Service Level Objectives

**etcd:** is an open source distributed key-value store used to hold and manage the critical information that distributed systems need to keep running. Most notably, it manages the configuration data, state data, and metadata for Kubernetes, the popular container orchestration platform

# Production Quality



## Key Results

**KR1:** Evangelize, implement tooling for (by end of Q1) and define and implement Service Level Objectives (SLO) and Error Budgets for our top 10 services and systems (Q2: 2 services; Q3: 4 services; Q4: 4 services) and report and iterate on them with product owners on a quarterly basis to optimize the balance of speed of innovation and reliability.

**Baseline:** 0 services with SLOs & Error Budgets defined

**KR2:** Educate teams on and define Code Health Objectives for our production-deployed code repositories (20% in Q1, 40% in Q2, 70% in Q3, 100% in Q4) and report and iterate on them with code owners on a quarterly basis.

**Baseline:** 0% coverage of CHOs (*Code Health Objectives*)

**KR3:** Evaluate and shepherd a consultation and best practices recommendations on a potential move to GitLab for code review by the end of Q2. In parallel, 70% of Wikimedia developed application layer production service traffic is served by the Deployment Pipeline in Q3 and 95% by Q4

**Baseline:** 27k request per second (rqs) (*baseline was measured in FY1920Q4 - eqiad usage*)

	Goal	Q1 Status	Q2 Status	Q3 Status	Q4 Status
	10 services with SLOs and error budgets	0 services  Developed SLO definition worksheet, Technical SLO baseline work completed	1 service	-	-
	100% coverage	17% of deployed repos have CHOs identified	28% of deployed repos have CHOs identified	-	-
	Code Review decision, 95% of traffic	GitLab consultation in progress and on-track;  54% of traffic	GitLab consultation completed;  68% of traffic		



# Department slides



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# New Hires

# &

# Anniversaries

## *Research*

Fabian Kaelin

## *SRE Service Ops*

Kunal Mehta

## *Platform Engineering*

Gabriele Modena

## *Data Science & Engineering*

Tajh Taylor

## *Wikimedia Cloud Services*

David Caro

## *12 years*

Ariel Glenn

## *9 years*

Antoine Musso

## *8 years*

Andre Klapper  
Željko Filipin

## *7 years*

Andrew Green

## *6 years*

Joaquin Oltra  
Hernandez  
Elena Tonkovidova  
Moriel Schottlender

## *4 years*

Erika Bjune  
Srishti Sethi  
Francisco Dans

## *5 years*

Petr Pchelko

## *3 years*

Arturo Borrero  
Jack Gleeson

## *2 years*

Clara Andrew-Wani  
Lars Wirzenius  
Isaac Johnson  
Nicholas Rusnov  
Jeena Huneidi  
Chris Danis  
Christine Stone

## *1 year*

Reuven Lazarus  
Nikki Nikkhoui  
Maryum Styles  
Zbyszko Papierski

# #wikilove

## **T&S and Legal**

For all of the work that went into preparing disinfo table top exercises

## **Partnerships and Product**

For all the awesome collaborative work around hcaptcha

## **Disinformation task group**

For just being awesome in general <3



## **WMF Travel Team!**

For helping organize and contribute to the first ever virtual Tech Dept Fun Day!

## **Advancement, Ops, FP&A and T&C**

For raising the dough and recalibration

## **Recruiting**

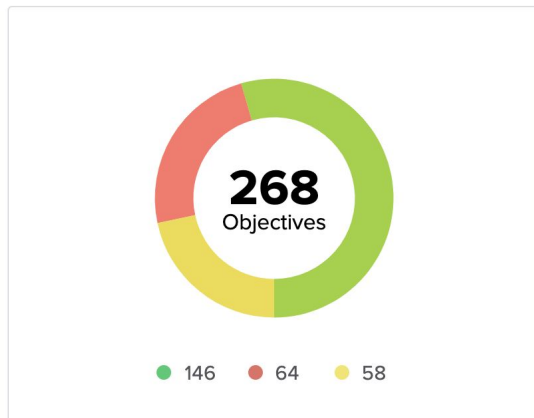
For all the help on bringing on hiring, opening reqs, & finding a great and diverse candidate pool

## **Product Dept**

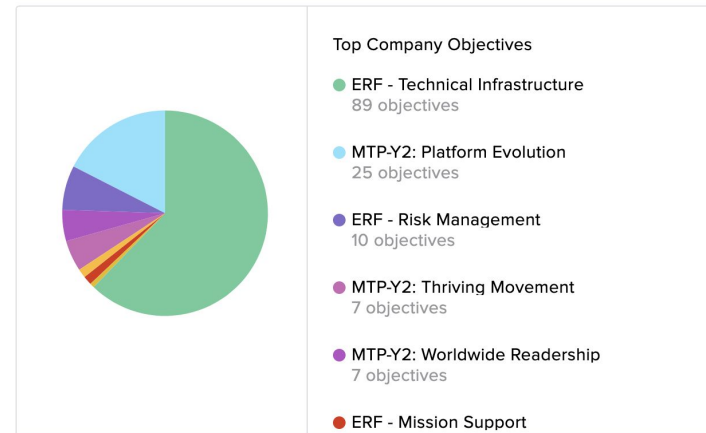
For the Vue.js working group and the product platform vision/roadmap work

# Department OKR Status *Q2*

### Objectives Grouped by Risk



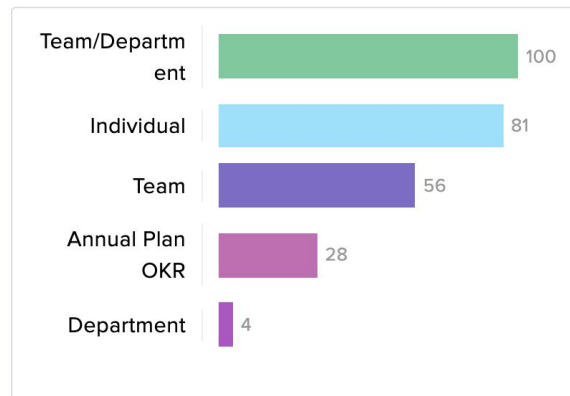
### Objectives Contributing to Top Company Objectives



### Progress Over Time for Objectives in this View



### Categories ?



# Challenges



Implementing Kubernetes (k8s) and Docker are larger projects than anticipated, in terms of understanding

Unanticipated WikiReplicas issues with tools and temporary resources



Space concerns in our primary data center (eqiad) as well as access to data centers relative to pandemic

Societal unrest  
COVID-19

*2020 in general*



# Supporting Wins

## Service Operations

Kubernetes upgrade - paved way for Mediawiki (M7i) to be in k8s production soon!

## Search Platform

Supported Growth team for AddLink, WDQS streaming updater now in production

## Data Persistence

Deployed Orchestrator (*new DB monitoring system*) to replace old solution

## Machine Learning Platform

Migrated event logging to Modern Event Platform; [stream.wikimedia.org](https://stream.wikimedia.org) launched

## Data Center Operations

Closed 132 tasks; closer to deciding final location for 2nd EMEA caching site

## Traffic

Continued increase in user privacy & security, finished 3 part blog series about CDN arch

## Security

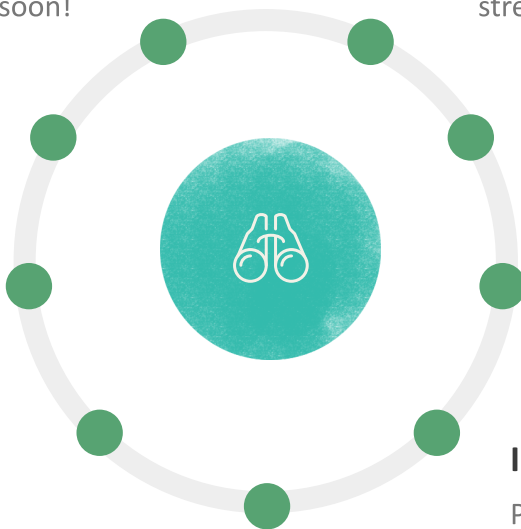
16 privacy reviews, 3 tabletop exercises (*and more!*) - advancing security training

## Infrastructure Foundations

Paid down lots of tech debt; unblocked M7i appserver OS upgrade (*ICU library*)

## Observability

Responses to incident management survey provided useful insight on future priorities



# *moar* Supporting Wins

## Platform Engineering

Helped stabilize maps, collab w/Tech and Product

## Release Engineering

Gitlab consultation completed; shared understanding with community on code reviews

## Performance

Clarity on IE11, close to getting Thumbor on k8s with CI image on Blubber

## Machine Learning Platform

Released 18 month roadmap for Lift Wing

## Quality & Test Engineering

Team knowledge is strong, even though testing ecosystems are fragmented

## Research

New hires == capacity! Readers interact with images 10x more than citations

## WikiMedia Cloud Services

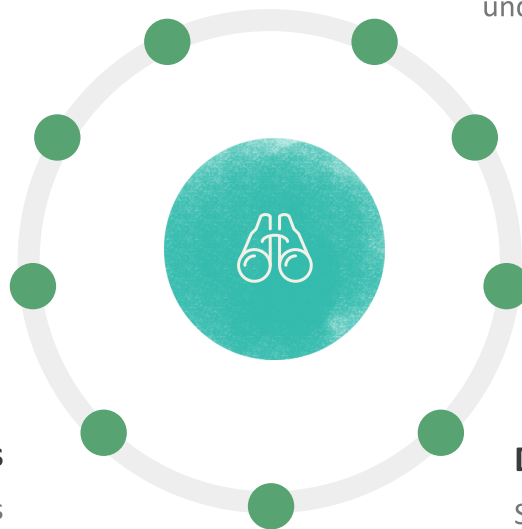
All VM's running on ceph, helped address data service needs with Data Engineering

## Developer Advocacy

Supporting diversity in Open Source: 7 interns have been accepted in Outreachy

## Architecture

Teams across Org have similar architectural challenges, produced systems thinking workshops





# Questions?



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# Appendix



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Time Zone (# staff)									Self-Organized	Online Experiences	Hangout Rooms	Google Meet
PST (29%)	MST (5%)	CST (9%)	EST (21%)	GMT (5%)	CET (25%)	EET (4%)	EAT (1%)	AEST (1%)				
5:00	6:00	7:00	8:00	13:00	14:00	15:00	16:00	23:00	(add your self-organized activity here)	True v. False Funny Historical Game👉 (25') (13:00 - 14:00 GMT) JOIN HERE👉	Colombian Coffee from Bean to Cup👉 (25') (13:00 - 14:00 GMT) JOIN HERE👉	
6:00	7:00	8:00	9:00	14:00	15:00	16:00	17:00	0:00	(add your self-organized activity here)	Break		
6:30	7:30	8:30	9:30	14:30	15:30	16:30	17:30	0:30	(add your self-organized activity here)	Kenyan Cultures, Culture & Music👉 (30') (14:30 - 15:00 GMT) JOIN HERE👉	Meet my Beer👉 (30') (15:00 - 16:00 GMT) JOIN HERE👉	
7:00	8:00	9:00	10:00	15:00	16:00	17:00	18:00	1:00	(add your self-organized activity here)	Break		
7:30	8:30	9:30	10:30	15:30	16:30	17:30	18:30	1:30	(add your self-organized activity here)	Speed Dating organizer: Leila JOIN HERE👉	Escape the Desert Island👉 (30') (16:30 - 17:00 GMT) JOIN HERE👉	
8:00	9:00	10:00	11:00	16:00	17:00	18:00	19:00	2:00	(add your self-organized activity here)	Acceptance criteria for backup software	OpenStreetMap Mapping Party JOIN HERE👉	Mysteries & Magic II Part👉 (30') (17:00 - 18:00 GMT) JOIN HERE👉
8:30	9:30	10:30	11:30	16:30	17:30	18:30	19:30	2:30	(add your self-organized activity here)	Virtual Toasting👉 w/Grant @ 45 after the hour	One Good Thing (meet)👉 organizer: Ariel	Learn to Cook Mexican Salsas👉 (30') (18:00 - 19:30 GMT) JOIN HERE👉
9:00	10:00	11:00	12:00	17:00	18:00	19:00	20:00	3:00	(add your self-organized activity here)	Ugly Sweater Appreciation👉 Organizer: Troy	Haunted New Orleans👉 (30') (20:00 - 21:10 GMT) JOIN HERE👉	Cats Meeting Cats👉 Organizer:Jeena
9:30	10:30	11:30	12:30	17:30	18:30	19:30	20:30	3:30	(add your self-organized activity here)	Play Jacobus Games (Drauful and Filibag) Join Here👉 Note: You'll need a phone to hold in order to play. Instructions here👉	Virtual Toasting👉 w/Grant @ 2000 UTC / 1700 EST	
10:00	11:00	12:00	13:00	18:00	19:00	20:00	21:00	4:00	(add your self-organized activity here)			
10:30	11:30	12:30	13:30	18:30	19:30	20:30	21:30	4:30	(add your self-organized activity here)			
11:00	12:00	13:00	14:00	19:00	20:00	21:00	22:00	5:00	(add your self-organized activity here)			
11:30	12:30	13:30	14:30	19:30	20:30	21:30	22:30	5:30	(add your self-organized activity here)			
12:00	13:00	14:00	15:00	20:00	21:00	22:00	23:00	6:00	(add your self-organized activity here)			
12:30	13:30	14:30	15:30	20:30	21:30	22:30	23:30	6:30	(add your self-organized activity here)			
13:00	14:00	15:00	16:00	21:00	22:00	23:00	24:00	7:00	(add your self-organized activity here)			
14:00	15:00	16:00	17:00	22:00	23:00	24:00	01:00	8:00	(add your self-organized activity here)			

# Welcome to Tech Fun Day 2020

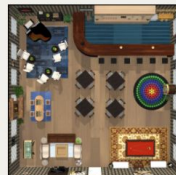
Enter a room



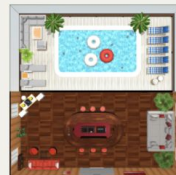
The Festivus Lounge



Festopolis Game Hall



Smuggler's Cove



Uluwatu Villa

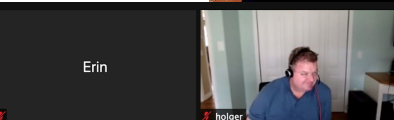
Kumospace👉	Online Gaming👉
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natalia luna

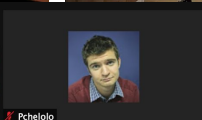


Natalia Luna



Erin

holger



Pchelolo



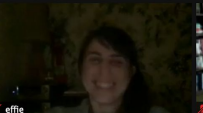
Leila Zia (Wikimedia Foundation)



Grant Ingersoll



Deb Tankersley



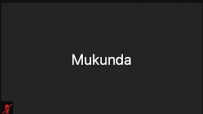
effie



Dave



Dylan



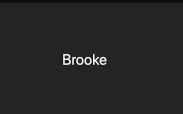
Mukunda



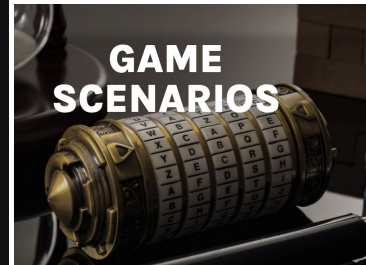
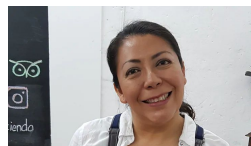
Daniel Z



tyler



Brooke





# 1st ever virtual Technology Department Fun Day!



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“Self-organized options, esp. speed dating, encourage meeting colleagues. Online experiences were very cool, too”

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“I thought it was done well -- no "requirements" but space was made to relax and meet a bunch of people and ability to self-organize as well”

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“Honestly, I was a touch skeptical going in, but I thought the whole thing went pretty well and it was a genuinely nice way to decompress a bit before the holidays and get to know at least a few people better”

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“*Speed Dating* was a lot of fun and introduced me to a number of people I didn't know before. Same with *Cats Meeting Cats*, which was a smashing success!”

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“Thank you so much to everyone who put time and care into organizing the event, it was really great and I appreciate everyone involved very much! Yet another reason on the long list of reasons that I feel fortunate to be a part of this team!”

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# Upcoming work

- Figure out IPV4 space issues (we need moar)
- Create SLO dashboard for metrics and tracking
- Kubernetes upgrade in production, M7i on k8s shellbox and prototype
- Identify metrics to measure knowledge gaps, organize Wiki Workshop 2021
- Systems architecture survey, socialize target architecture model
- Development work on Toolhub MVP, technical workshops with South Asian and Kurdish communities
- New email preference center for Advancement, investigate long term system changes
- FOSDEM21 - web performance track, help migrate Grafana alerts
- Develop a common approach to manage QTE testing activities
- Create a working GitLab install, train more folks on doing their own deploys
- Help implement Image Recommendation Structured Task Project
- Refine content and publish new Security website
- Support Growth and SDAW teams with structured editing tasks
- Hiring and onboarding new people...*getting through 2021*

