



REDCAP DMZ MIGRATION

Update & Progress Report

DMZ SERVER SPECS

- ❑ In computer networks a DMZ is a subnetwork that separates an internal local area network (LAN) from other untrusted networks, usually the internet. External-facing servers, resources and services are located in the DMZ. So, they are accessible from the internet, but the rest of the internal LAN remains unreachable.
- ❑ In our current external REDCap configuration, our database server is protected from unwanted intrusion, but the database server is actually on the same network as the web server. With our new CHR instance, the data is behind the KP firewall on a separate subnetwork, and can only be accessed externally by the REDCap web server.



REDCAP & DMZ

OLD VS. NEW REDCAP INSTANCES

SPECS	INTERNAL REDCAP	EXTERNAL REDCAP	DMZ REDCAP
PHI ALLOWANCE	PHI ALLOWED	PHI STRONGLY DISCOURAGED	PHI ALLOWED
VERSION	9.3.5	8.1.4	9.3.5
FIREWALL	Behind KP firewall	Public	Secure w. External Access
SERVER LOCATION	Secure server housed at CHR (KPNW – Oregon)	HostWorks Server	Secure server housed at CHR (KPNW – Oregon)
MAINTENANCE	Updates maintained by CHR – 3rd Sunday of each month	Updates maintained by IHR Admins - Manual	Updates maintained by CHR – 3rd Sunday of each month

WHAT DOES THIS MEAN FOR USERS?

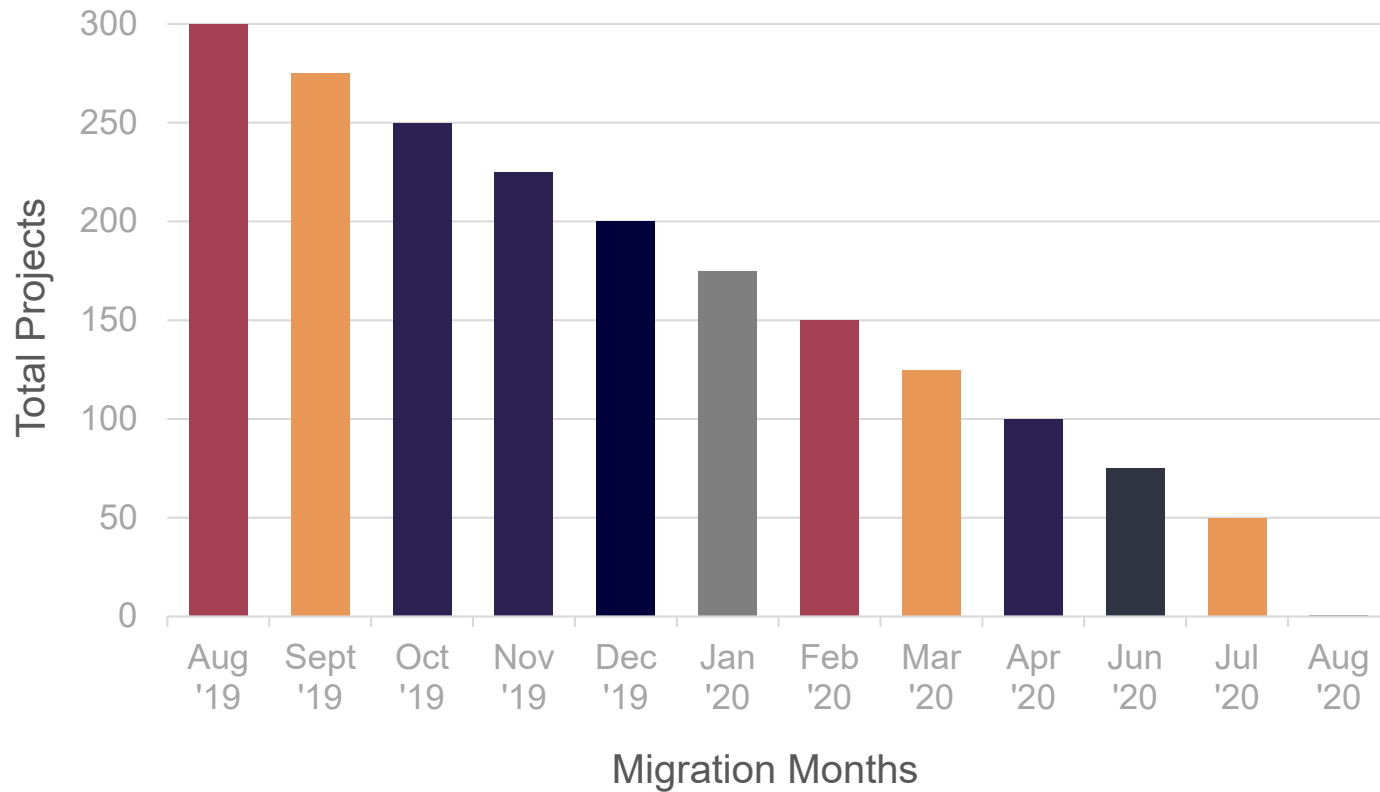
IMPROVEMENTS

- ❑ Projects can now be built comprehensively – no more splitting between internal and external instances
- ❑ Routine updates and maintenance
- ❑ Updated features & improved functionality
- ❑ PHI allowed
- ❑ Externally accessible
- ❑ Secure server housed at CHR
- ❑ One location for all projects

CAVEATS

- ❑ Strict Data Sharing & User Rights
- ❑ Downtime 3rd Sunday of Every Month
- ❑ New URL & Login Information
- ❑ Password Update Every 180 Days
- ❑ Migration Required

MIGRATION TIMELINE



REDCAP MIGRATION

August 2019 - August 2020

Internal REDCap Migration

August 2019 – November 2019

External REDCap Migration

November 2019 – December 2020

Internal & External “Sun-Setting”

Internal - December 2019

External - December 2020

All projects must be migrated/deleted

Orphaned projects deleted (no real data)

Nothing can remain on Internal/External



MIGRATION STEPS & DUTIES

- Email User Project Lists w. Deadline - ADMIN
- Complete Migration Form & Consult w. Project Team - USER
- Email Notification of Pending Migration - ADMIN
- Original Project “Inactivated” - ADMIN
- Data Check - ADMIN
- Project Migrated & Status Updated (Prod, Dev, Archived) - ADMIN
- Email Notification of Account Creation - ADMIN
- Set Up Password & Sign In – USER
- Confirm Access to Project – USER
- Update User Access & Rights – USER



QUESTIONS?

THANK YOU

<http://kpco-ihr.org/redcap/>



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