



Migration to Cloud: Component One FAQs

As part of our ongoing system performance enhancements, Aries Systems will be migrating our infrastructure from our existing co-located data centers to Amazon Web Services (AWS). As part of our cloud migration initiative, Aries will begin by migrating Component One tools and services.

Please consult your Aries Account Coordinator (AC) if you have additional questions.

Q: What does it mean to migrate to the cloud?

A: Cloud migration is a one-time process of moving operations from a local on-premises or legacy infrastructure to a virtual data center of cloud provider. Historically, Aries has hosted physical data centers in which we bought and maintained servers and systems to support Editorial Manager® (EM) and ProduXion Manager® (PM). In an effort to align with industry standards and allow for greater scalability, we have made the decision to migrate away from our existing data centers and move to Amazon's Web Services (AWS) to rely on their cloud technology services for the support of our systems. Amazon has a world-class cloud computing service offering that many of our publishers use to support their own operations.

Q: What is the current timeline for migrating EM/PM services to the cloud?

A: Aries is committed to identifying an approach and roadmap that ensures we deliver the best experience possible as part of our migration efforts. At this time, we intend to begin migrating site data and processes in H2 2022. Migration efforts will extend into H1 2023 based on current estimates. All estimates are subject to change.

Q: What is Aries approach to migrating to the cloud?

A: Aries is taking a component-by-component approach to our cloud migration initiative. Under this approach, Aries' migration plan is broken down into several components and prioritized based on customer and business needs. This approach supports our focus on achieving optimal system stability and performance.



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Q: How many components is Aries breaking the project into?

A: Aries has developed a migration plan broken into two components prioritized based on customer and business needs. Component One, the current phase, and later Component Two, which consists of customer site migrations.

Q: What will migrate to the cloud as part of Component One?

A: Component One contains helpful user tools and services including Similarity Check, Duplicate Submission Check, checkCIF, Identity Confidence Check, and ORCID Peer Review Deposit. We understand how critical these tools and services are to our users' daily operations and therefore have prioritized their migration accordingly.

Q: When will Component One migrate to the cloud?

A: Currently, Component One is scheduled to migrate off Aries' on-premises data center to the Amazon Web Services (AWS) Cloud environment on Wednesday, August 31, 2022. The cloud migration timeline and other estimates are subject to change.

Q: How will users be impacted while Component One migrates to the cloud?

A: Users will experience no differences in their day-to-day activities. The jobs created by the tools within Component One migration will begin to process in the background from within our cloud platform the same way they did within our on-premises datacenter. We will simply be redirecting which environment performs these background tasks.

Q: Will users experience a disruption in service?

A: No, users should not experience any disruption in service.

Q: How long will it take to migrate Component One to the cloud?

A: While the migration of Component One has taken many weeks to execute within the background of Editorial Manager and Production Manager, the actual migration itself should take place within a matter of seconds. We will update the application in the point to our Cloud Infrastructure rather than the local datacenter and jobs will immediately begin processing.



Q: Will there be any action required by users once the tools and services in Component One are migrated to the cloud?

A: No. All tools and services migrating to the cloud in Component One will continue to operate as intended with no action required on behalf of EM/PM users.

Q: Is my data protected and secure in the cloud?

A: Yes, Cloud Platforms by nature has many compliance certificates, such as SOC II, and is fully capable of running the most data sensitive applications.

