



FAQ

Q4'22 (V5.0) Release



What is APM V5.0 or V5?

- V5.0 or V5 is the latest version of GE's APM offering available to both on-premises and cloud customers. Cloud customers would get V5 in the form of their Q4'22 release. V5 will offer superior quality and performance, several new and enhanced capabilities and enable a smoother user experience, vs. earlier APM versions.

What does V5 mean for my APM applications?

- Several foundational enhancements (like architectural changes) available in V5 will positively impact the performance and usability of APM applications (like APM Reliability, Strategy and others). Besides foundational enhancements, several applications in V5 will witness the launch of application-specific features or enhancements. All of this means that you'd have access to applications which are more feature-rich, intuitive and useful.

What would be some of the key new capabilities/enhancements in V5 for cloud?

- V5 would feature several notable updates including:
 - Improved quality & performance with more performant data-loader infrastructure (G2DL); scalable Scheduler service; containerized R-server and back-end containerization deployment
 - Intuitive interface featuring a new navigation menu and redesigned user experience (UX) for several modules including Risk-based inspection, Inspection Management, Reliability-Centered Maintenance (RCM) and Failure Mode & Effect Analysis (FMEA) modules
 - Contextual Visualization with 2D Visualization (in Thickness Monitoring) and 3D Visualization* with V-Suite (Visionaize)
 - Application-specific new capabilities/enhancements including Integrity Mobile; new Accelerator Content and Advanced analytical capabilities

* 3D Visualization is currently available to V4.6 customers



What will be the APM V5 release timeline? Would it be a phased release?

- APM V5 will be a phased release, which will include the following release milestones:
 - **Q4'22:** Q4 '22 release for cloud (U.S. West only)
 - **Q1'23:** Q4'22 release to Frankfurt
 - **Q1/Q2'23:** V5.0.1 planned quarterly release with Rounds Pro
- V5 deployments will utilize a canary deployment methodology which will allow GE Digital to upgrade customers in the cloud from v4.6 to V5.0 in stages. The primary reason for implementing canary deployment vs. current upgrade process is:
 - V5 changes to the database and migration of database from SQL to Postgres will require longer downtimes and cannot be done in the current allotted downtime windows.
- This means that customers will remain on v4.6 until they are migrated to V5.0 (Q4'22 release). Also, as V5 will be a phased migration, customers will not get to experience all enhancements in V5 immediately on release (Day 0). The timing of each customer migration would be determined and communicated by GE.

Would the upgrade involve any manual interventions for cloud customers?

- Yes, from a technical point of view, V5 will be a major upgrade which involves dropping table such as MI_Entities and moving from SQLServer to Postgres
 - GE will have already updated all baseline queries, policies, etc. to support the new version
 - GE will closely work with the customers to identify and execute on specific areas where manual changes will be required.



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