

The Latest and Greatest on Oracle Autonomous Analytics Cloud (OAAC) and How It Differs from Oracle Analytics Cloud (OAC)

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Hot on the heels of the release of [Oracle Autonomous Data Warehouse](https://www.oracle.com/autonomouscloud/index.html), Oracle has announced the [Oracle Autonomous Analytics Cloud \(OAAC\)](https://www.oracle.com/autonomouscloud/index.html). Most AI-weary people would roll their eyes at the word “autonomous”. That is primarily due to the deluge of AI-enabled devices and services that are being rolled out, but are not yet meeting the promise of “artificial intelligence” that sci-fi visionaries have long promised. However, there are cases where the application of this “intelligence” actually can make life easier today. Once such case is the application of this technology to automate mundane everyday maintenance tasks, as Oracle is working towards via its suite of <https://www.oracle.com/autonomouscloud/index.html>.

Considering that, one cannot but wonder how such “autonomous” technologies can impact [Oracle Analytics Cloud \(OAC\)](https://www.oracle.com/autonomouscloud/index.html), and whether or not they really make a difference. Considering the tasks performed by an OAC environment administrator, this new service holds promise. While OAC is purely a Platform as a Service (PaaS), OAAC bridges the gap between PaaS and Software as a Service (SaaS) offerings, such as Oracle EPM Cloud. Consider the following table of functionality (the term “customer” can be replaced for “user”):

SaaS (Oracle EPM Cloud)	Autonomous PaaS (Oracle Autonomous Analytics Cloud)	PaaS (Oracle Analytics Cloud)
Oracle provisions instances based on subscription (limited number per subscription)	Oracle creates instance (user requests creation and sizing via user interface)	User manages services creation and configuration and maintenance, with direct access to VM
Oracle manages backups, patches	Oracle manages backups, patches	Oracle provides patches and backup tools; user applies patches and schedules backups
Oracle has direct access to diagnostics logs for troubleshooting issues	Oracle has direct access to diagnostics logs for troubleshooting issues	User has direct access to VM to diagnostics logs for troubleshooting issues
Hardware and software is abstracted to the user	Hardware is virtualized, software is provisioned by customer choice	Hardware is virtualized, software is provided by Oracle and provisioned by user; user can scale up / scale down instances
Infrastructure is hidden from user	Next generation Oracle Cloud infrastructure	Classic (simplified) Oracle Cloud infrastructure
No additional subscriptions required	DBaaS subscriptions included and auto-provisioned	DBaaS subscriptions required and created / managed by user

As the table demonstrates, OAAC removes some of the system tasks typically performed by IT support that the customer performs to run the OAC environment. However, what OAAC brings to the table is not just easier infrastructure management; it builds upon the latest in self-service and collaborative analytics that Oracle has to offer in OAC.



Sales VP

- Top deals in Play
- Sales review
- Pipeline trend
- Revenue trend



Sales Manager

- Team performance
- Quota attainment
- Pipeline review
- Demand generation



Marketing Analyst

- Campaign performance
- Campaign cost



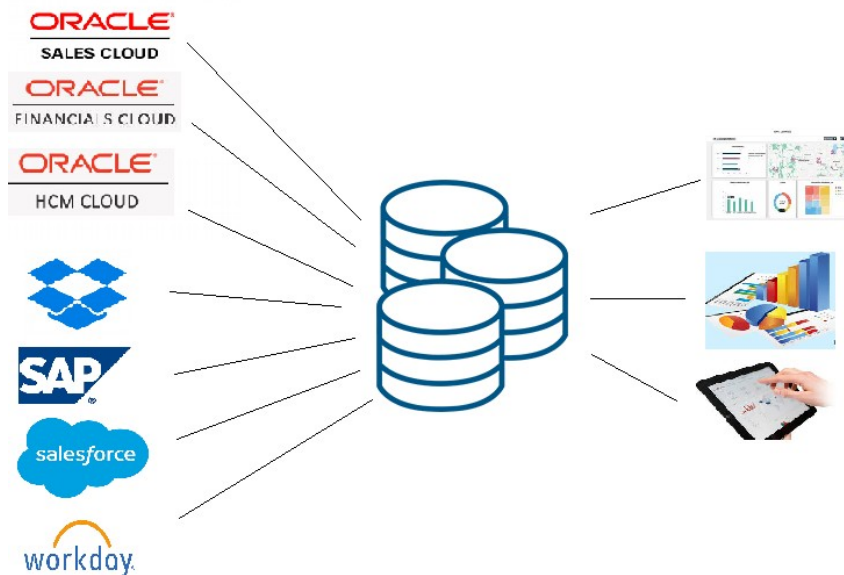
Service Manager

- Open incidents
- Closed incidents
- Team performance



(Source: oracle.com)

Utilizing the constantly-improving [Oracle Data Visualization Cloud Service \(DVCS\)](#) and [Business Intelligence Cloud Service \(BICS\)](#), built-in advanced intelligence and machine-learning algorithms can help speed up data ingestion and analytics by gleaming “hot spots” and trends in various measures in the data.



(Source: oracle.com)

The strengths of OAAC are evident in three areas:

- Automated insights, visualization and narration: Start with auto-created visuals, reveal hidden patterns, with natural-language explanations
- Automated data-discovery and data preparation: Ask questions and get instant recommendations for data preparation, cleansing and standardization
- Proactive and personalized insights

The automated future of our dreams may not be here just yet. But by leveraging the latest in machine-learning algorithms and artificial intelligence, OAAC brings the future into the present and revolutionizes enterprise



analytics. OAAC allows one to spend a little less time figuring out how to put all sorts of data sets together, and spend more time deriving insights from the data.