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# Neues aus der Oracle Essbase Cloud

Essbase in der Cloud – wie geht das?

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# Essbase Modernization Considerations & Timeframe

## Customer Choice + Unique Cloud Value

### 2021: The Year to Modernize Essbase

- Essbase new releases available on Oracle Cloud and on Prem
- Essbase 11.1.2.4.xxx [Premiere Support ends on Dec. 2021](#)
- Will require Extended Support after 12/2021

### Essbase Recommended Upgrade Path:

- Essbase 21c on Oracle Cloud Infrastructure
- Essbase 21c on prem (Linux only)

### Go-Forward Considerations

- Age of current hardware + security issues and patching complexities
- Cost of hardware refresh vs. cloud OpEx
- Cost of extended support 11.1.2.4.xxx after 12/2021
- Timing, services cost to upgrade Essbase



#### Oracle Essbase 21.1 is Available

If you've been using Essbase standalone (11g) for years, and yearning for the day that you could take advantage of the latest Essbase features, but remain on your independent, standalone Linux platform, THAT DAY IS HERE!

We're excited to announce the availability of Essbase 21c. This new release has many enhancements of the Essbase features you've come to know and value. It also gives you all the latest features available in our Essbase 19c cloud offering, PLUS! it enables you to continue to work from your standalone, Linux platform.

You can download Essbase 21c on [Oracle Software Delivery Cloud](#). For details on platform support and certification matrix, see our [documentation](#).

For those of you looking forward to Essbase 21c for the Microsoft Windows platform or the upgraded Essbase 21c on Oracle Cloud Infrastructure Marketplace, those will follow in just a few months. Stay tuned.

[Announcement](#)

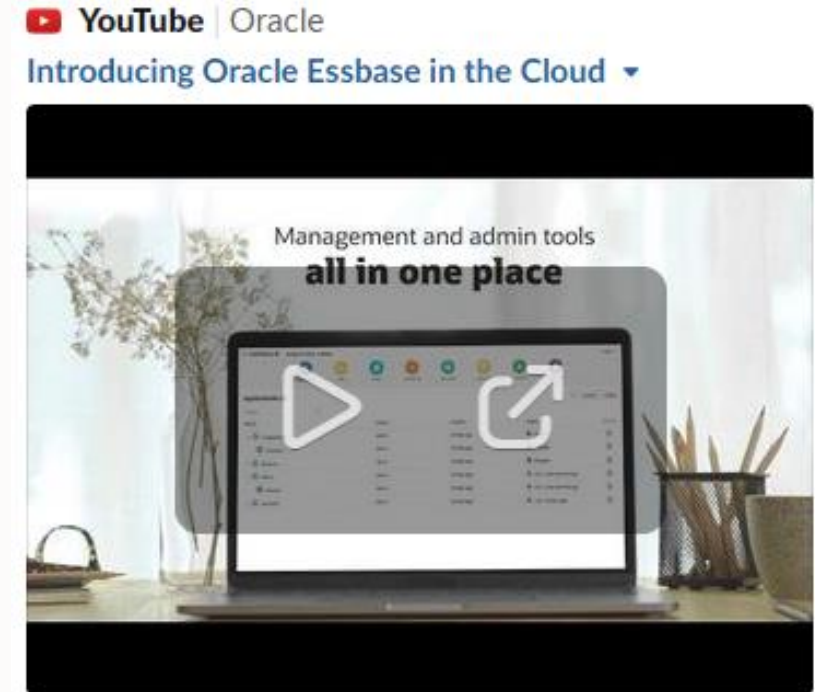
# Compelling Value of Essbase on Oracle Cloud

## What You Gain...

- Modern Essbase, enhanced features
- Ease of Cloud provisioning + scale up/down
- Included Services to migrate
- Optional – Run & Maintain Services

## ...and What You Can Stop Doing

- Never buy / provision / maintain hardware again
- No more patching / lifecycle management across disparate software/OS/hardware



Overview: <https://www.youtube.com/watch?v=peShf5uMehc>

More Detail: Essbase 21 Features Playlist

<https://www.youtube.com/playlist?list=PL6gBNP-Fr8KUaol-HXuRJmVbFiPUgtl6s>

# Essbase Modernization Options

## Cost Comparison



<p><b>Option 1</b> Essbase 21c on Oracle Cloud</p>	<p><b>Option 2</b> Essbase 11.1.2.4 on Prem</p>	<p><b>Option 3</b> Essbase 21c on Prem</p>	
<p>Included Services*</p>	<p>\$\$ Hardware Refresh \$ Extended Support \$ Upgrade to 11.1.2.4</p>	<p>\$\$ Hardware Refresh \$ Upgrade to 21c</p>	<p>Variable Costs / Effort</p>
<p>OCI Platform</p>	<p>Data Center / HW Operating Costs</p>		<p>Infrastructure</p>
	<p>Essbase FTE Cost</p>		<p>Baseline</p>
<p>BYOL</p>	<p>Essbase License Support Cost</p>		

\* Provisioning & migration services for qualified customers



# Essbase on Oracle Cloud Infrastructure

## Licensing Options & Summary BOM



### Oracle Cloud Marketplace



### Summary Bill of Materials

#### Essbase Licenses

- Two Options: BYOL or License-Included

#### Essbase Metadata Database

*Metadata database schema required to run Essbase*

- Four Options:
  - Basic BYOL – customer installs an on-prem DB on Compute
  - Existing Oracle Cloud Database – installs the metadata schema in an existing Cloud Database
  - Autonomous Database – Oracle Platform service, reduced maintenance costs over time
  - Virtualized DBaaS – Oracle Platform service

#### Core Infrastructure

*Compute, Storage, Networking*



# Essbase on Premises vs. Essbase 21c on Oracle Cloud

## Assumptions for TCO Savings

Category	Assumptions & Comments
Essbase Licenses No Change	<ul style="list-style-type: none"><li>• This cost does not change between on prem and the cloud</li><li>• Your existing Essbase support payments entitle you to BYOL to Oracle Cloud, immediately accessing the latest version of Essbase as well as high-performance infrastructure and advanced automation</li></ul>
Infrastructure Costs OCI typical savings compared to all-in TCO On Prem, including Hardware Refresh	<ul style="list-style-type: none"><li>• Factoring in the all-in TCO of hardware, licensing, data center costs, etc., customers can run their Essbase estate on Oracle Cloud at an average of 30% the cost of on prem, for a 70%+ savings specifically in this area</li><li>• Additional cost savings are enabled by Oracle Cloud automation and scaling, which allows customers to plan to scale up infrastructure - with a correspondingly flexible cost model - to meet month-end, quarter-end, and year-end demand without over-investing in infrastructure.</li></ul>
Labor Savings Typical 21c labor savings from ease of Cloud Provisioning, plus labor savings with 21c New Features	<ul style="list-style-type: none"><li>• Essbase IT hands-on administration time is reduced by an average to 25-50% due to a combination of new features in Essbase 19c and Oracle Cloud automation</li><li>• Common administrative tasks that formerly took hours of hands-on IT time – and total support ticket turn-around time of +/-2 weeks – are now instantly performed, on demand, by business users</li><li>• Essbase 19c delivers Sandboxing for instant what-if and Excel → Cube, which puts common administrative tasks in the hands of the Essbase business user</li></ul>

# Key differences b/w MP Releases and Independent (On-prem) Releases

## Independent Deployments

- Support for EAS (Lite) + Web UI + CD
- Integration with Hyperion Foundation
  - Manage Users/groups in Hyperion Shared Service Security (Needs a separate install of Hyperion Foundation)
- Failover configurations are available
  - Customers can setup failover
- No Support for Federated Partitions

## OCI Marketplace release

- Only Web based UI + Cube Designer
- Integration with IDCS
  - Manage Users and groups
- Failover configurations not available OOTB
  - Documentation steps for backup and restore
- Federated Partitions will only be supported on Autonomous Database (ADW)



# Roadmap



Releases overview

Feature overview



# Essbase release plan



## Essbase 21c – Long term release

- Current patch – 21.1

## Essbase patch releases (Both Independent and OCI Marketplace deployments)

- 21.2 – Planned FY-2022 Q1 – [Essbase on ADW, UI Enhancements]
- 21.3 – Planned FY-2022 Q2 – [Windows Support for on-premises]
- 21.4 – Planned FY-2022 Q3 – [Additional Capabilities for Essbase on ADW]

## Essbase and EPM 11.2

- EPM team plans to uptake 21c – **No timelines announced yet**
- Essbase 11.1.2.4 on EPM 11.2 – Will be supported only for customers that have both EPM and Essbase Plus
- Standalone Essbase customers (that do not have any EPM licenses)
  - Upgrade to Essbase 21c recommended
  - Stay with 11.1.2.4 until end of support as backup plan / lower-priority cubes (Extended support till Dec 2024)



# Essbase 21c

## Upcoming Features and Enhancements

### Roadmap

#### Improved Rule File Editor for Dataloads and Dimbuilds

- Enhanced preview capabilities while defining rules files from any source (file, datasource or ODBC/OCI)
- Easy selection of members for mappings source columns to Essbase outline
- Improved navigation capabilities while defining mappings and properties on each field

#### Enhanced Job UI for consistency with Rule file editor changes

- Consistent experience for data source type usage between rules file editor and jobs execution for those rules

#### Cube Designer

- Ability to edit and execute calc scripts from structured excel workloads

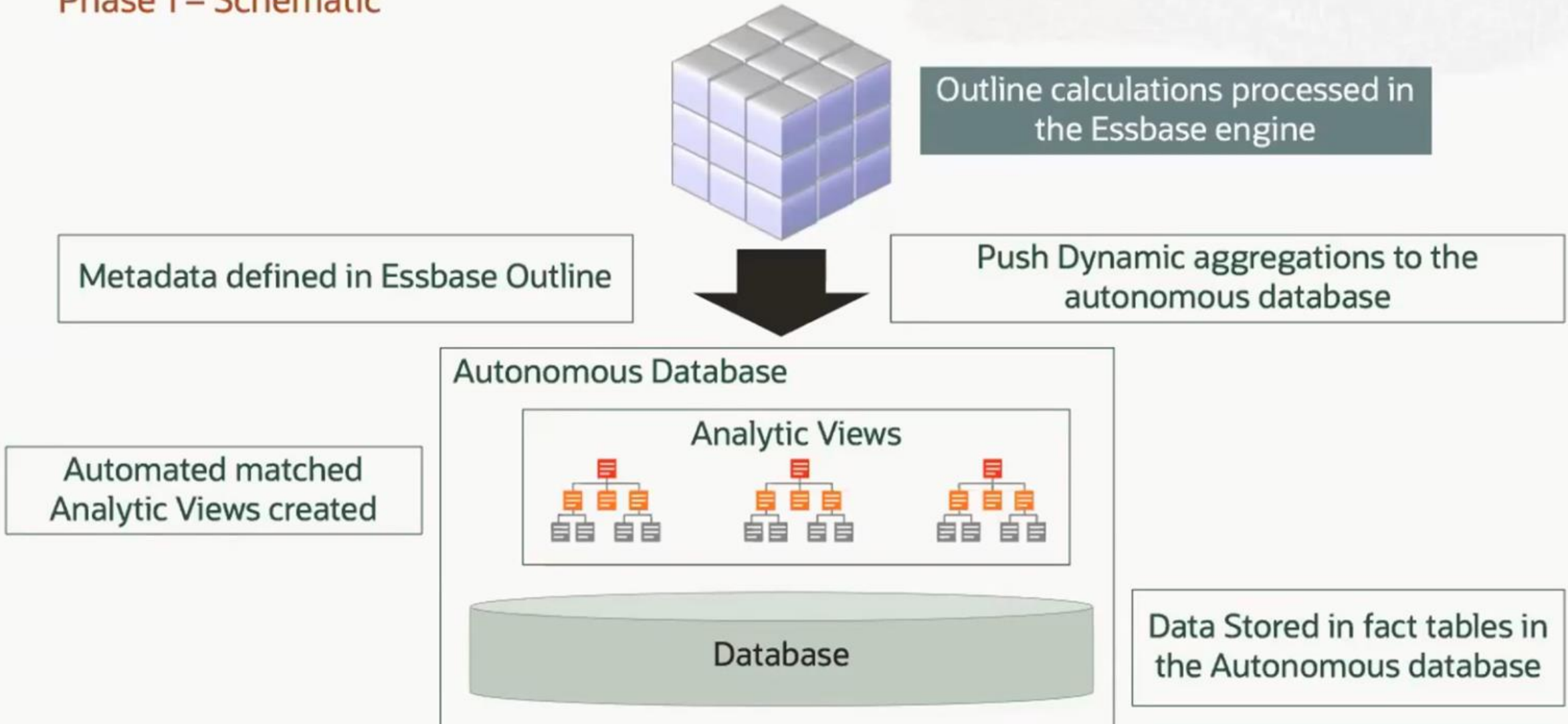
#### Back-up and Restore on OCI Marketplace deployments

- Documentation for performing Backup and restore on OCI Marketplace 21c deployments

# Essbase on ADW – Push Dynamic/Outline Aggregations

Roadmap

## Phase 1 – Schematic



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# Pro's and Con's

## Federated Partitions on Autonomous Database

Roadmap

### Pro's

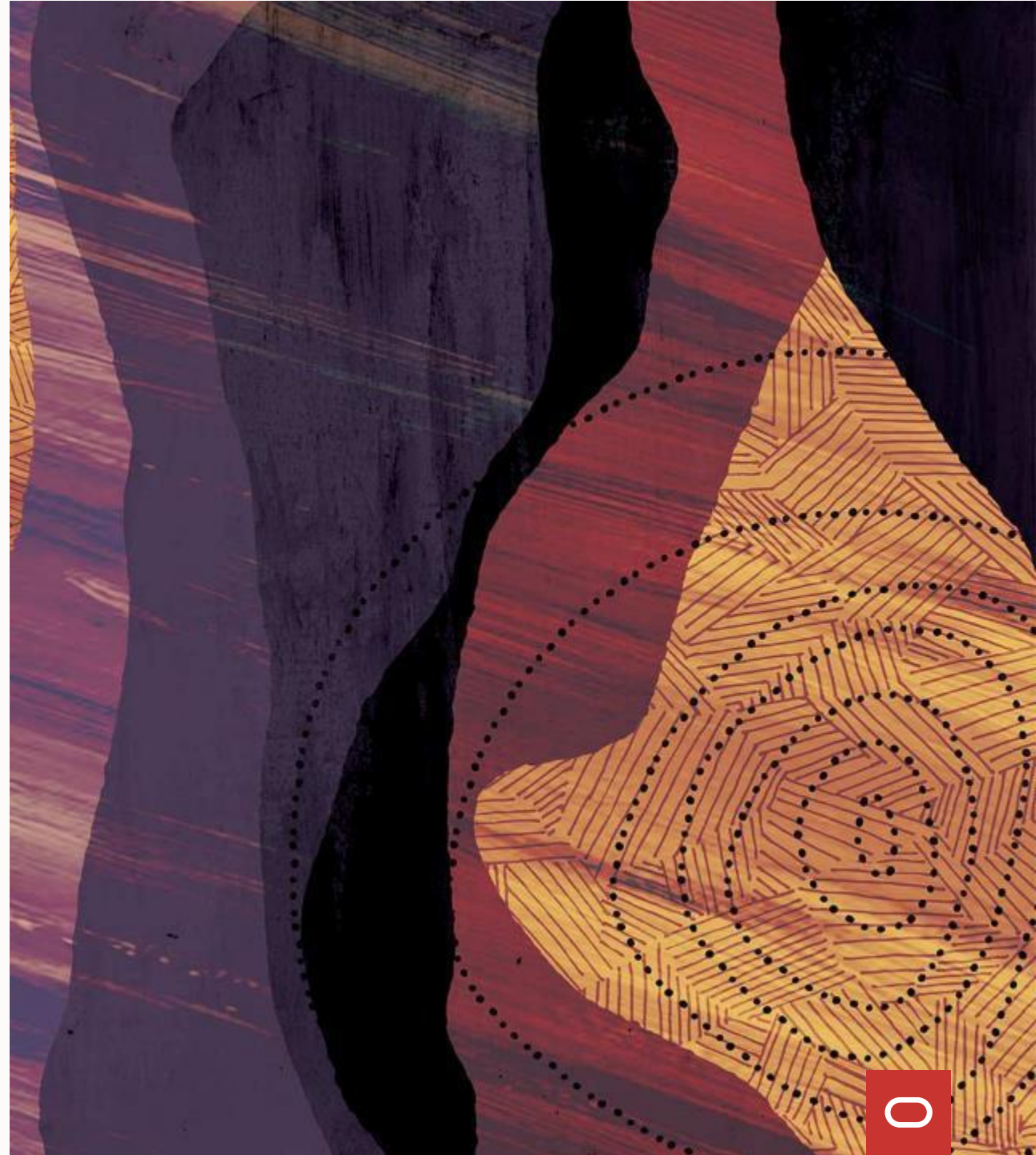
- Eliminate the data load cycles into Essbase.
- Eliminate expensive restructures
- Faster query performance for aggregations – specifically for **large datasets** that leverages **aggregate in-memory columnar caches** on the Autonomous database thru **Analytic Views**
- Customers using ADW for data warehouse can leverage the **expressiveness of Essbase** to perform analysis
  - Reliability and Scalability of the database

### Con's

- Not all Essbase functionality is available via the federated partitions
- Calculations scripts are not available
- Outline based calculations are still executed on the Essbase side



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Fragen?



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data in new ways, discover insights,  
unlock endless possibilities.

