

## Frequently Asked Questions

### Oracle DIVA Content Storage Management (CSM)

#### Introduction

Oracle DIVArchive Suite combined with Oracle storage and server systems provide an end-to-end content storage management solution for the digital assets within broadcast, production, marketing, corporate video and other rich media environments.

#### Customer Benefits

##### #1 Content Storage Management Solution

Oracle DIVA is the leading content storage management solution for managing video, sound, images and graphics. Rich media assets are larger, have unique access patterns and retention requirements that are addressed by the following customer benefits of Oracle DIVA:

##### Digital File-Based Workflows

Store, replicate, access, transcode, restore, or perform timecode-based partial restoration of any digitized assets encoded in any format.

##### Reliability and Scalability

Oracle storage hardware and Oracle DIVA are architected for mission-critical environments.

##### Multisite Support

Distribute content across multiple sites and manage content from a central location for easy and fast access, as well as for disaster recovery planning.

##### Secure and Preserve Content

Ensure content is protected, intact, and highly available.

##### Fast Access

Perform high-performance search and retrieval of media assets or any subset of media assets, regardless of whether they are local or remote.

##### On-premise and cloud storage support

Oracle disk-based and tape-based storage plus Oracle DIVA Cloud Service (with cloud-based storage) are supported.

##### Ready to Deploy

Oracle storage hardware and Oracle DIVA CSM software integrate with existing broadcast and video management applications such as media asset management (MAM), non-linear-editing (NLE), traffic, automation, and other newsroom systems, including existing production and post-production shared storage systems.

#### Frequently Asked Questions

- Q:** What are the software components of the Oracle DIVArchive suite?
- A:** The Oracle DIVArchive suite is comprised of four key components: DIVArchive, DIVAnet, DIVAdirector, and DIVA Cloud Service.
- Q:** What is Oracle DIVArchive?
- A:** Oracle DIVArchive is the #1 Content Storage Management (CSM) software application. DIVArchive is the management layer between a customer's application and their storage. DIVArchive stores assets in content aware objects and handles the storage of those objects through policies, placing the objects on the appropriate tier of storage based on the assets stage in its life-cycle (flash, disk, tape, cloud).
- Q:** What is Oracle DIVAnet?
- A:** Oracle DIVAnet provides high availability and global connectivity between any number of fully independent DIVArchive Content Storage Management systems connected through a private wide area network (WAN).
- Q:** What is Oracle DIVAdirector?
- A:** Oracle DIVAdirector is a light weight media asset management (MAM) system that gives customers full control of the assets housed in DIVArchive via a browser based interface, so they can quickly search, locate, access and manage rich media assets

**Q:** What is Oracle DIVA Cloud Service?

**A:** Oracle DIVA Cloud Service leverages all the scale and cost advantages the cloud offers via secure, private networks.

**Q:** Can I deploy Oracle DIVA with Oracle Key Manager (OKM)?

**A:** Yes. Oracle DIVArchive has been tested and qualified with OKM and has no impact on encryption or the performance of the key management system.

**Q:** Can I deploy Oracle DIVA with StorageTek Tape Analytics?

**A:** Yes. StorageTek Tape Analytics has no impact on the software you use to manage your library.

**Q:** Is Oracle DIVA customer installable?

**A:** No. Oracle DIVA solutions are professionally installed, configured and deployed into your environment. For more information on these services and product training, please contact your Oracle sales representative.

**Q:** What is Content Storage Management (CSM)?

**A:** Oracle DIVA is a content storage management (CSM) solution which provides more than just tiered storage management. As the #1 CSM solution, DIVA stores media assets as objects with rich metadata, enabling DIVA to create content-aware policies. With extensive rich

metadata, Oracle DIVA can intelligently place assets on the appropriate tier of storage for archival as well as easily retrieve assets through advanced search features.

**Q:** What is Partial File Restore?

**A:** Oracle DIVArchive Partial File Restore enables an application to ask Oracle DIVArchive Manager to read only the required sequence, saving time and resources. This feature is a DIVA innovation that has eliminated the need to fully restore a two-hour video clip when only a two-minute sequence is needed.

**Q:** What is Archive eXchange Format (AXF)?

**A:** Archive eXchange Format (AXF) is an open container format for generic files, which enables them to be stored, transported, and preserved on any type of operating system, file system, or storage media. Oracle DIVArchive supports storing digital assets in the AXF standard format.

**Q:** What is Checksum Validation?

**A:** A checksum is calculated during archive operations to verify the integrity of a digital asset. The checksum is stored in Oracle DIVArchive Manager's database and in the AXF container itself. To validate an asset, DIVA reads the object, calculates the checksum, and verifies the checksum of the restored content



**Oracle Corporation, World Headquarters**  
500 Oracle Parkway  
Redwood Shores, CA 94065, USA

**Worldwide Inquiries**  
Phone: +1.650.506.7000  
Fax: +1.650.506.7200

#### CONNECT WITH US

-  [blogs.oracle.com/blogs](https://blogs.oracle.com/blogs)
-  [facebook.com/oracle](https://facebook.com/oracle)
-  [twitter.com/oracle](https://twitter.com/oracle)
-  [oracle.com](https://oracle.com)

#### Hardware and Software, Engineered to Work Together

Copyright © 2016, Oracle and/or its affiliates. All rights reserved. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0115