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# Oracle Audit Vault and Database Firewall Frequently Asked Questions

## Disclaimer

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

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## Where can I download the media pack?

Oracle Audit Vault and Database Firewall 12.1.2 can be downloaded from Oracle Software Delivery Cloud:

Go to <https://edelivery.oracle.com>;

Select Product Pack: *Oracle Database* with Platform: *Linux x86-64*.

## What type of hardware platform can I use?

Any hardware that supports Oracle Linux for x86-64 Release 5 Update 10 can be used to deploy the Oracle Audit Vault and Database Firewall server components. For a complete list of certified hardware, visit <https://linux.oracle.com/hardware.html>.

## How does the software appliance install work?

Oracle Audit Vault and Database Firewall is packaged as a soft-appliance, which means it contains everything needed to install the product on bare hardware, including the operating system.

During installation, it completely takes over the hardware. It re-partitions and re-formats the disks, installs base OS (Oracle Linux 5.10), user-space libraries, Oracle Database, Oracle Audit Vault and Database Firewall software etc. It configures all the software (OS, networking, Database and so on) almost automatically, with minimal user involvement.

## What kind of network cards can be used with the Database Firewall?

When Database Firewall is deployed in-line, it is recommended to use a network interface card with bypass to allow continuous SQL traffic flow to the database in the case of a hardware failure.

Here is the list of supported bypass network cards:

Copper 10/100/1000

- Interface masters Niagra 32264

Fiber 10/100/1000 (SX and LX) for PCI-x

- Interface masters Niagra 2282 (Dual)
- Interface masters Niagra 2283 (Quad)

Fiber 10/100/1000 (SX and LX) for PCI-e

- Interface masters Niagra 2285 (Dual)
- Interface masters Niagra 2284 (Quad)

Fiber 10G (PCI-E)

- Interface masters Niagra 32710 (Dual)

## Can I deploy the product on Windows?

Oracle Audit Vault and Database Firewall can only be deployed on bare metal and not on a host with a pre-installed operating system such as Windows.

## Can I run using an Oracle Virtual Machine?

Oracle Audit Vault and Database Firewall is delivered as software appliance images ready to be deployed on their own hardware, either directly or as virtual appliances. While Oracle Audit Vault and Database Firewall can be installed to run on Oracle VM x-86 version 3.2, it is recommended to install on an Intel x86 64-bit hardware platform supported by Oracle Linux Release 5 Update 10. For testing or proof of concept purposes, it is sufficient to run Oracle Audit Vault and Database Firewall in two Oracle VMs on a single physical server. For production deployment, we recommend Oracle Audit Vault Server and Database Firewall be installed on two dedicated physical boxes.

## What hardware do I need?

Oracle Audit Vault and Database Firewall is comprised of two primary components – the repository or Audit Vault Server and the Database Firewall. The Audit Vault Server functions as the central repository and manager of one or more Database Firewalls. A single Audit Vault Server communicates with and consolidates information from one or more Database Firewalls. The Audit Vault Server also consolidates audit data from the backend databases as well. The Database Firewall is also a dedicated server. A single Database Firewall can monitor hundreds of individual databases depending on its deployment in the network topology.

## Can I use an Oracle Database Appliance?

No, at this time Oracle Audit Vault and Database Firewall is not certified with the Oracle Database Appliance.

## How much storage do I need?

120GB is the minimal required amount of disk space for Audit Vault Server and Database Firewall, but the exact requirements depend on the amount of data being collected and the data retention policy. Furthermore, as the volume of audit data and length of audit retention period grow, you can use any iSCSI compatible external storage device to extend your Audit Vault Server repository.

## How are Agents downloaded and deployed?

In Oracle Audit Vault and Database Firewall 12.1 there is one Agent file: agent.jar. The file is the same, regardless of the host, or the platform the host runs on. The agent is dependent on the Audit Vault Server repository it was copied from.

## How do I upgrade from the current product?

While Oracle Audit Vault and Database Firewall 12.1 release is ideal for new customers, at this time, there is no direct upgrade/migration path from previous releases of Oracle Audit Vault 10.3 or Oracle Database Firewall 5.2 to 12.1. We are planning to provide migration scripts at a future time to assist with moving the data from the existing Oracle Audit Vault repository to the new 12.1 product. Meanwhile, we encourage customers to continue running their existing Oracle Audit Vault installations and Database Firewall installations for their existing databases.

Premier Support for Oracle Database Firewall 5.x and Oracle Audit Vault 10.3 do not end until January and December 2016, respectively. See <http://www.oracle.com/us/support/library/lifetime-support-technology-069183.pdf>

## Can I migrate my customized reports?

There are schema changes as we enhanced the new product to support multiple audit source types; therefore, the existing Oracle BI Publisher reports need to be updated.

## Is host monitoring supported?

Oracle Audit Vault and Database Firewall 12.1.2 supports host monitoring for Linux and Windows platforms. We plan to provide other platform support such as Solaris SPARC, Solaris x64, AIX, and HP-UX in the future.

## Can I consolidate custom Audit Data from applications?

Oracle Audit Vault and Database Firewall ships with several prepackaged collection plug-ins, which are software programs that know how to access and interpret audit data from defined secured target systems of various types. Each collection plug-in is specific to a particular type of trail (directory for a file system, or table name for a database) from a particular type of secured target. Oracle encourages our customers and partners to build custom plug-ins that collect and parse from their specific audit trails. Please refer to the Oracle Audit Vault and Database Firewall Developer's Guide for complete details. [http://docs.oracle.com/cd/E37100\\_01/doc.121/e27779.pdf](http://docs.oracle.com/cd/E37100_01/doc.121/e27779.pdf)

## What protocol is used to secure transport?

From Oracle Audit Vault Server to Database Firewall or Oracle Audit Vault Agents we use HTTPS (port 443) and an additional SSL over TCP/IP (port 1514) communication channel from Database Firewall to Audit Vault Server. Between Oracle Audit Vault Server and Oracle Audit Vault Agent we use Oracle Database network encryption (SSL or Native).

## How do I reset expired password for AVADMIN??

AVADMIN is a standard database user; you can change the password like you would any other database user. You can use SQL\*Plus, EM, or any other database client that can issue an 'ALTER USER' command.

## Can I export policies from test to production?

No, there is no import/export capability. An enhancement request has been filed. We plan to address this requirement in a future release.

## How do I backup the appliances?

We have published an Oracle Support Knowledge Base article describing how to create a manual backup of an Oracle Audit Vault Server installation and how to restore that backup to original or new hardware using the included shell scripts. Please refer to Article ID 1556200.1 for details.

## Are there Oracle University training classes available?

Oracle University has created formal classes for the legacy Oracle Audit Vault and for Oracle Database Firewall products. We are working with Oracle University to update the contents to reflect the new Oracle Audit Vault and Database Firewall release 12.1.

If you are interested in taking the class, please call 1.800.529.0165 or contact your local Oracle University sales Representative.

### Is there an external discussion forum?

Yes. The Oracle Audit Vault and Database Firewall forum can be found on OTN under the Database Security category. Please visit

<https://forums.oracle.com/forums/forum.jspa?forumID=1420> for discussions and questions.

### What about high availability?

You can find HA deployment description in the Oracle Audit Vault and Database Firewall Administrator's Guide:

[http://docs.oracle.com/cd/E37100\\_01/doc.121/e27776.pdf](http://docs.oracle.com/cd/E37100_01/doc.121/e27776.pdf)

### Where do I go to learn more?

Product documentation can be found at

[http://docs.oracle.com/cd/E37100\\_01/index.htm](http://docs.oracle.com/cd/E37100_01/index.htm)

Also, visit Oracle Audit Vault and Database Firewall in Oracle Products and Services [website](#) for white papers, data sheets, and other materials or contact an Oracle representative near you: <http://www.oracle.com/corporate/contact/index.html>.



Oracle Audit Vault and Database Firewall  
Frquenetly Aksed Questions

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