



# **RSA Identity Governance and Lifecycle Platform Datasheet and Support Matrix**

**Version 7.2**

**Revision 2**

## Contact Information

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## Revision History

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Revision Number	Date	Revision
1	March 2020	Updated supported versions and AFX server requirements. Clarified terminology for the levels of support.
2	April 2020	Additional update to supported versions and terminology.

## RSA Identity Governance and Lifecycle Platform Datasheet and Support Matrix

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This document describes the supported on-premise deployment options for RSA Identity Governance and Lifecycle 7.2. For additional information about supported configurations and installation options, see the product documentation available on RSA Link at <https://community.rsa.com/community/products/governance-and-lifecycle>.

RSA Identity Governance and Lifecycle is available in several on-premise deployment options, offering flexibility for our customers, including preconfigured hardware appliances and multiple software installation choices.

Based on identified customer requirements and implementation considerations, the following RSA Identity Governance and Lifecycle deployment options are offered:

- [RSA Identity Governance and Lifecycle Hardware Appliance on page 4](#)
- [RSA Identity Governance and Lifecycle Virtual Application on page 5](#)
- [RSA Identity Governance and Lifecycle Software Bundle on page 5](#)
- [Software Only on page 7](#)

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### RSA Identity Governance and Lifecycle Hardware Appliance

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The RSA Identity Governance and Lifecycle 7.2 Hardware Appliance is supplied by RSA with all of the solution components (hardware, operating system, application server, database and RSA Identity Governance and Lifecycle 7.2 application) pre-installed. Hardware Appliance offerings are designed to be a self-contained deployment instance and, while they contain hardware redundancy, they are not designed to be chained together for real-time software level redundancy (such as application server clustering or database data synchronization).

#### Base Supplied Components

<b>RSA Identity Governance and Lifecycle Base Software</b>	7.2
<b>Operating System</b>	SUSE Linux Enterprise Server 12 SP4
<b>Database Component</b>	Oracle Enterprise Edition 12.1.0.2
<b>JRE/Application Server</b>	AdoptOpenJDK 1.8/WildFly 10

#### RSA Hardware Appliance - Model Dell R730 Profile

<b>Chassis</b>	Dell PowerEdge R730 Rack Server, 2U
<b>CPU</b>	(2) E5-2640v3 Xeon, 2.6GHz 20M Cache
<b>Memory</b>	256GB RAM, 2133MHz or higher
<b>Storage</b>	(8) 600GB 15K RPM Hot Plug Drives, Configured with 7 in RAID-5, 1 Hot Spare
<b>Power Supply</b>	(2) High Output 1100W Redundant, Hot Swap

<b>Network</b>	(4) Gigabit Ethernet, OS layer failover bond
<b>Remote Management</b>	iDRAC8 Enterprise Management

### RSA Hardware Appliance - Model Dell R630 Profile

<b>Chassis</b>	Dell PowerEdge R630 Rack Server, 1U
<b>CPU</b>	(2) E5-2620v3 Xeon, 2.4GHz 15M Cache
<b>Memory</b>	48GB RAM, 2133MHz or higher
<b>Storage</b>	(8) 300GB 10K RPM Hot Plug Drives, Configured with 7 in RAID-5, 1 Hot Spare
<b>Power Supply</b>	(2) High Output 1100W Redundant, Hot Swap
<b>Network</b>	(4) Gigabit Ethernet, OS layer failover bond
<b>Remote Management</b>	iDRAC8 Enterprise Management

**Note:** The above profiles ship with the above hardware appliances respectively. These hardware appliance configurations cannot be customized or custom ordered. These configurations are subject to change based on new technology offerings.

## RSA Identity Governance and Lifecycle Virtual Application

RSA Identity Governance and Lifecycle 7.2 is available as an OVA that can be deployed in a customer’s VMWare server environment. The virtual application installation includes the application server and RSA Identity Governance and Lifecycle software.

Virtual application installations require a database that is deployed on a separate machine. RSA recommends that the database runs on physical hardware, rather than virtualized. Customers can choose one of the following database options:

- **Customer-Supplied Database:** The customer supplies a database that meets the requirements described in the *RSA Identity Governance and Lifecycle Database Setup and Maintenance Guide*.
- **RSA-Provided Database:** If using a software bundle license, the customer can download the RSA-provided database-only installation file to deploy a standalone database instance that is configured with the appropriate tablespace, users, and schema for RSA Identity Governance and Lifecycle.

### Base Supplied Components

<b>RSA Identity Governance and Lifecycle Base Software</b>	7.2
<b>Operating System</b>	SUSE Linux Enterprise Server 12 SP4
<b>JRE/Application Server</b>	AdoptOpenJDK 1.8/WildFly 10

For additional details, see the *RSA Identity Governance and Lifecycle Installation Guide*.

## RSA Identity Governance and Lifecycle Software Bundle

The RSA Identity Governance and Lifecycle 7.2 Software Bundle includes the application server, database, and RSA Identity Governance and Lifecycle application. This option is also commonly referred to as the Soft Appliance option and does not include the operating system or any hardware. Software Bundle deployments use

an installation script to install the software and supplied components. This option is installed on customer-provided hardware or in a virtualized environment.

**Base Supplied Components**

<b>RSA Identity Governance and Lifecycle Base Software</b>	7.2
<b>JRE/Application Server</b>	AdoptOpenJDK 1.8/WildFly 10
<b>Database Component</b>	Oracle Enterprise Edition 12.1.0.2

**Deployment Guidelines for a Software Bundle**

For pre-v7.x customers, the RSA-provided database for the RSA Identity Governance and Lifecycle 7.2 Software Bundle is an upgrade. With this database upgrade, the following guidance is provided for both new purchases and customers who are planning to upgrade their Software Bundle (with RSA-provided database) implementations.

**Existing Software Bundle Upgrades**

There is no separate upgrade fee for customers who have previously purchased the Software Bundle and are under an active maintenance agreement. Customers who choose to upgrade their existing Software Bundle purchases must have a valid Software Bundle license for each instance where the database component is also deployed. Each Software Bundle license enables customers to implement the RSA Identity Governance and Lifecycle (with RSA-provided database) in their environment on a per-instance basis.

**New or Additional Software Bundle Installation or Purchase**

Customers who choose to deploy the RSA Identity Governance and Lifecycle Software Bundle must purchase a Software Bundle license for each instance where the database component will be deployed. Each Software Bundle license enables customers to implement the RSA Identity Governance and Lifecycle solution (with RSA-provided database) in their environment on a per-instance basis.

**Additional Guidelines**

- **Production, Staging, Development, Test and other Environments** – Each environment or tier deployed for operations and support of the RSA Identity Governance and Lifecycle solution must have a respective license or purchase.
- **POC/Evaluation** – Customers that are interested in a Proof-of-Concept or Evaluation should contact their RSA Account Representative for additional information.

## Software Only

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RSA Identity Governance and Lifecycle 7.2 is also available in a Software Only option, where the solution (RSA Identity Governance and Lifecycle application only) is packaged as an EAR and deployed in a supported application server environment. The customer supplies and licenses the operating system, the supported application server (WebLogic or WebSphere) and the Oracle database accordingly.

Software Only customers can also access and deploy the RSA Identity Governance and Lifecycle virtual application and the RSA Identity Governance and Lifecycle application-only installation component (provided in the software bundle) to use with their respective customer-provided database environments.

### Base Supplied Components

<b>RSA Identity Governance and Lifecycle Base Software</b>	7.2
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## Levels of Support

This document uses the terms defined in the following table to describe the levels of support for specific platform versions. Platform versions listed as Qualified have been subject to functional and performance testing in the RSA Identity and Governance lab environment. RSA Identity Governance and Lifecycle expects the Platform to operate and perform within normal parameters in these environments for most users, unless otherwise noted in the *RSA Identity Governance and Lifecycle Release Notes*.

Qualified	Platform versions listed as Qualified have been extensively tested in the RSA Identity Governance and Lifecycle lab environment. RSA Identity Governance and Lifecycle expects the software to operate and perform within normal parameters in these environments for most users, unless otherwise noted in the <i>RSA Identity Governance and Lifecycle Release Notes</i> . Qualified versions have undergone performance and load testing.
Supported	Platform versions listed as Supported have been tested by RSA and functionality with the software has been verified.
Unsupported	Platform versions listed as Unsupported are not tested in any way by RSA before release. RSA makes no assumptions surrounding the behavior of the software on these versions, and might not provide support to customers who are still running on legacy systems. Customers that require support in these situations might be charged for the service.

## Platform Support Matrix

	RSA Identity Governance and Lifecycle Hardware Appliance	RSA Identity Governance and Lifecycle Software Bundle	RSA Identity Governance and Lifecycle Virtual Application	Software Only (WebLogic or WebSphere)
<b>Operating Systems</b>				
SUSE (SLES 12 <sup>1</sup> )	Qualified	Qualified	Qualified	Qualified <sup>2</sup>
Red Hat (RHEL 7.2+) <sup>3</sup>	Unsupported	Qualified	Unsupported	Qualified <sup>2</sup>
<b>Minimum RAM Required</b>	n/a	48 GB with RSA-provided database 16 GB with customer-supplied database	48 GB with RSA-provided database 16 GB with customer-supplied database	32 GB
<b>Application Server Clustering</b>	Unsupported	Qualified <sup>4</sup>	Qualified	Qualified
<b>Application Server Version</b>	WildFly 10 Included	WildFly 10 Included	WildFly 10 Included	WebLogic 12.1.x or 12.2.x WebSphere 8.5.5.11 or 9.0.0.3+
<b>Supported JDK</b>	AdoptOpenJDK 1.8			N/A



	<b>RSA Identity Governance and Lifecycle Hardware Appliance</b>	<b>RSA Identity Governance and Lifecycle Software Bundle</b>	<b>RSA Identity Governance and Lifecycle Virtual Application</b>	<b>Software Only (WebLogic or WebSphere)</b>
<b>Database</b>				
Oracle EE 12.1.0.2	<b>Qualified</b>	<b>Qualified</b>	<b>Qualified</b>	<b>Qualified</b>
Oracle SE 12.1.0.2 <sup>5</sup>	Unsupported	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	<b>Qualified</b>
Oracle 18c/19c	Unsupported	RSA-provided database: Unsupported Customer-supplied database: Supported	RSA-provided database: Unsupported Customer-supplied database: Supported	Supported
Oracle ASM Supported <sup>6</sup>	<b>Qualified</b>	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	<b>Qualified</b>
Oracle SE/EE 12.2.0.1 <sup>3</sup>	Unsupported	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	RSA-provided database: Unsupported Customer-supplied database: <b>Qualified</b>	<b>Qualified</b>

**Note:** The preceding table indicates the environments supported by each deployment model. Any categorizations outside of the table are considered "not supported" at the time of this publication. Refer to the product documentation on RSA Link for additional configurations and supported environments.

<sup>1</sup>RSA Identity Governance and Lifecycle hardware appliances, software bundles, and virtual applications ship with SLES 12 SP 4. Support for SLES 11 has been deprecated.

<sup>2</sup> Customers can implement a 64-bit OS that is supported by the respective application server for software-only deployments. WebSphere on AIX 7.1 supports the RSA Governance Application only (AFX deployments are not supported on AIX platforms).

<sup>3</sup>Support for Red Hat Enterprise Linux 5 and 6 has been deprecated for hardware appliance, software bundle, and virtual application deployments.

<sup>4</sup> Multiple software bundle instances (with customer-supplied database) can be configured in a cluster to use the same database. Clusters require separate hardware or virtual machine instances for each node in the

cluster. A virtualized cluster requires that the underlying hardware supports the cumulative requirements of each instance.

<sup>5</sup> RSA Identity Governance and Lifecycle deployments support Oracle Standard Edition (SE) databases; however, customers may experience less than optimal performance compared to using Oracle Enterprise Edition (EE) databases for their deployments. Customers should consider using Oracle Enterprise Edition server environments for optimal performance.

<sup>6</sup> In customer-supplied database deployment models, customers can choose to utilize Oracle ASM in their Oracle deployment.

## Supported Client Browsers

The following browsers are supported by all deployment models for RSA Identity Governance and Lifecycle:

- Mozilla Firefox v30+
- Google Chrome v31+
- Apple Safari v9.x+
- Microsoft Edge
- Microsoft IE v11

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**Note:** Internet Explorer browsers running Compatibility View are not supported. RSA Identity Governance and Lifecycle does not function using Internet Explorer 11 running Enterprise Mode or Internet Explorer 10. Critical features are not supported by these browser configurations.

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## Additional Information

- For hardware appliance, software bundle, and virtual application deployments, RSA Identity Governance and Lifecycle versions 7.2 and greater do not support Red Hat Enterprise Linux version 5.x or 6.x. Customers who have existing deployments on Red Hat Enterprise Linux 5.x or 6.x must upgrade to a supported operating system.
- Various installation, upgrade and reporting package scripts may be required based on an installation, migration or upgrade scenarios. In these cases, please note that all RSA provided script files are written to function using the 'bash' shell. Other shells (such as 'ksh') are not supported.
- Customers can choose to implement an Oracle data-level replication technique (such as Oracle Data Guard, Oracle RAC, etc.) for their business continuity purposes in a customer supplied database environment. These advanced Oracle data level replication techniques are not available or supported by RSA in the Hardware Appliance or Software Bundle options.

## Additional Components and Requirements

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Depending on your RSA Identity Governance and Lifecycle deployment, the following list of additional components and their supported software requirements may apply.

### Virtual Environment Support

Customers can choose to deploy the RSA Identity Governance and Lifecycle Software Bundle or Software Only solution in a virtualized infrastructure. Consult with the virtualization vendor for any tuning recommendations specific to the planned implementation. The following virtualization platforms are currently supported:

Virtualization Platform	Version
VMware vSphere	4.x, 5.x, and 6.x

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**Note:** RSA recommends installing the Oracle database on physical hardware rather than in a virtualized environment. If you do install the database in a virtualized environment, ensure that the virtual machine is marked dedicated and that the overall virtual machine server has sufficient memory and space. For more information, reference Oracle's documentation about hosting a virtualized database.

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### **AFX Server**

When AFX is installed on a separate server, the following is required.

<b>JDK</b>
AdoptOpenJDK 1.8 and higher

For further information and details on the installation requirements for your AFX server, refer to the *RSA Identity Governance and Lifecycle Installation Guide* located on RSA Link.

### **Remote Agent**

Installation is supported on Windows and Linux systems. For further information and details on the installation of the remote agent, refer to the RSA Identity Governance and Lifecycle documentation located on RSA Link.

### **Data Access Governance Server**

The most recent Data Access Governance (DAG) server installation guide and requirements documentation can be found on RSA Link.