



**Oracle Engineered Systems Price List**  
May 14, 2018

## Exadata

Prices in USA (Dollar)

	Storage Server Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Exadata Storage Server plus InfiniBand Infrastructure</b>					
Exadata Storage Server X7-2 Extreme Flash (EF) plus InfiniBand Infrastructure	50,000	6,000	4,000	1,500	1
Exadata Storage Server X7-2 High Capacity (HC) plus InfiniBand Infrastructure	50,000	6,000	4,000	1,500	1
Exadata Eighth Rack Storage Server X7-2 High Capacity (HC) plus InfiniBand Infrastructure	35,000	4,200	2,800	1,050	1
<b>Exadata Database Server plus InfiniBand Infrastructure</b>					
	Database Server Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
Exadata Database Server X7-2 (384 GB per Database Server) plus Infiniband Infrastructure	42,000	5,040	3,360	1,260	1
Exadata Database Server X7-2 (768 DB per Database Server) plus Infiniband Infrastructure	53,500	6,420	4,280	1,605	1
Exadata Database Server X7-8 plus InfiniBand Infrastructure	315,000	37,800	25,200	9,450	1
	Database Machine Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Database Machine Base Configurations</b>					
Exadata Database Machine X7-2 Extreme Flash (EF) Quarter Rack (384 GB per Database Server)	345,000	41,400	27,600	10,350	1, 2, 9, 14
Exadata Database Machine X7-2 High Capacity (HC) Quarter Rack (384 GB per Database Server)	345,000	41,400	27,600	10,350	1, 2, 9, 14
Exadata Database Machine X7-2 Extreme Flash (EF) Quarter Rack (768 GB per Database Server)	368,000	44,160	29,440	11,040	1, 2, 9, 14
Exadata Database Machine X7-2 High Capacity (HC) Quarter Rack (768 GB per Database Server)	368,000	44,160	29,440	11,040	1, 2, 9, 14
Exadata Database Machine X7-2 Extreme Flash (EF) Eighth Rack	230,000	27,600	18,400	6,900	9
Exadata Database Machine X7-2 High Capacity (HC) Eighth Rack	230,000	27,600	18,400	6,900	9
Exadata Database Machine X7-8 Extreme Flash (EF) Half Rack	890,000	106,800	71,200	26,700	1, 2, 9, 14
Exadata Database Machine X7-8 High Capacity (HC) Half Rack	890,000	106,800	71,200	26,700	1, 2, 9, 14
<b>Database Machine Standard Configurations</b>					
Exadata Database Machine X7-2 Extreme Flash (EF) Full Rack (384 GB per Database Server)	1,147,000	137,640	91,760	34,410	1,2,9
Exadata Database Machine X7-2 High Capacity (HC) Full Rack (384 GB per Database Server)	1,147,000	137,640	91,760	34,410	1,2,9
Exadata Database Machine X7-2 Extreme Flash (EF) Full Rack (768 GB per Database Server)	1,239,000	148,680	99,120	37,170	1,2,9
Exadata Database Machine X7-2 High Capacity (HC) Full Rack (768 GB per Database Server)	1,239,000	148,680	99,120	37,170	1,2,9
Exadata Database Machine X7-2 Extreme Flash (EF) Half Rack (384 GB per Database Server)	629,000	75,480	50,320	18,870	1,2,9
Exadata Database Machine X7-2 High Capacity (HC) Half Rack (384 GB per Database Server)	629,000	75,480	50,320	18,870	1,2,9
Exadata Database Machine X7-2 Extreme Flash (EF) Half Rack (768 GB per Database Server)	675,000	81,000	54,000	20,250	1,2,9
Exadata Database Machine X7-2 High Capacity (HC) Half Rack (768 GB per Database Server)	675,000	81,000	54,000	20,250	1,2,9
Exadata Database Machine X7-8 Extreme Flash (EF) Full Rack	1,440,000	172,800	115,200	43,200	1, 2, 9
Exadata Database Machine X7-8 High Capacity (HC) Full Rack	1,440,000	172,800	115,200	43,200	1, 2, 9

## Exadata

Prices in USA (Dollar)

	Database Machine Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Database Machine Upgrades</b>					
Exadata Database Machine X7-2 Eighth Rack to Quarter Rack Database Server Upgrade	84,000	10,080	6,720	2,520	1, 2, 9
Exadata Database Machine X7-2 Extreme Flash (EF) Eighth Rack to Quarter Rack Storage Server Upgrade	84,000	10,080	6,720	2,520	1, 2, 9
Exadata Database Machine X6-2 Eighth Rack to Quarter Rack Database Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X6-2 Extreme Flash (EF) Eighth Rack to Quarter Rack Storage Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X5-2 Eighth Rack to Quarter Rack Database Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X5-2 Eighth Rack to Quarter Rack Storage Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X4-2 Eighth Rack to Quarter Rack Database Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X4-2 Eighth Rack to Quarter Rack Storage Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X3-2 Eighth Rack to Quarter Rack Database Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
Exadata Database Machine X3-2 Eighth Rack to Quarter Rack Storage Server Upgrade	80,000	9,600	6,400	2,400	1, 2, 9
<b>Exadata Storage Expansion Racks</b>					
Exadata Storage Expansion X7-2 High Capacity (HC) Quarter Rack	315,000	37,800	25,200	9,450	1, 2, 9
Exadata Storage Expansion X7-2 Extreme Flash (EF) Quarter Rack	315,000	37,800	25,200	9,450	1, 2, 9
<b>Engineered Systems Memory Expansion Kits</b>					
Memory Expansion Kit - Eight 32 GB DDR4 DIMMS (X5-2 only)	5,000	600	-	150	2, 4, 9
Memory Expansion Kit - Eight 32 GB DDR4 DIMMS (X6-2 only)	5,000	600	-	150	2, 4, 9
Memory Expansion Kit - Eight 64 GB DDR4 DIMMS (X6-2 only)	16,000	1,920	-	480	2, 4, 9
Memory Expansion Kit - Twelve 64 GB DDR4 DIMMS (X7 only)	23,000	2,760	-	690	2, 4, 9
	License Price	Software Update License & Support	Licensing Metric		Notes
<b>Exadata Storage Server Software</b>					
Exadata Storage Server Software	10,000	2,200	Disk Drive		
	20,000	4,400	Flash Drive		
<b>Exadata System Installation and Software Configuration Services</b>					
Contact your Oracle Sales Representative for pricing information					
<b>Oracle Consulting Services</b>					
Contact your Oracle Sales Representative for pricing information					
Oracle Consulting Advisory for Oracle Engineered Systems					
Oracle Exadata Implementation Rapid Start Service (ONLY available in USA)					

## Zero Data Loss Recovery Appliance

Prices in USA (Dollar)

Zero Data Loss Recovery Appliance Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes	
<b>Zero Data Loss Recovery Appliance</b>					
Zero Data Loss Recovery Appliance X7 Base Rack	305,000	36,600	24,400	9,150	
Zero Data Loss Recovery Appliance X7 Storage Server	31,500	3,780	2,520	945	13
Zero Data Loss Recovery Appliance X7 Full Rack	777,500	93,300	62,200	23,325	
License Price	Software Update License & Support	Licensing Metric	Notes		
<b>Zero Data Loss Recovery Appliance Software</b>					
Zero Data Loss Recovery Appliance Software	6,000	1,320	Disk Drive	-	

**Exalogic**

Prices in USA (Dollar)

	Exalogic Elastic Cloud Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Exalogic Elastic Cloud</b>					
Exalogic Elastic Cloud X6-2 Full Rack	1,035,000	124,200	82,800	31,050	1, 9
Exalogic Elastic Cloud X6-2 Half Rack	600,000	72,000	48,000	18,000	1, 9
Exalogic Elastic Cloud X6-2 Quarter Rack	370,000	44,400	29,600	11,100	1, 9
Exalogic Elastic Cloud X6-2 Eighth Rack	250,000	30,000	20,000	7,500	1, 9
<b>Exalogic Elastic Cloud Upgrades</b>					
Exalogic Elastic Cloud X6-2 Server Upgrade	32,500	3,900	2,600	975	1, 9
Exalogic Elastic Cloud X6-2 Upgrade Infiniband Switch	20,000	2,400	1,600	-	1, 9
	License Price	Software Update License & Support	Licensing Metric		
<b>Exalogic Elastic Cloud Software</b>					
Exalogic Elastic Cloud Software	10,000 400	2,200.00 88.00	Processor Named User Plus		10
<b>Exalogic System Installation and Software Configuration Services</b>					
Contact your Oracle Sales Representative for pricing information					
<b>Oracle Consulting Services</b>					
Contact your Oracle Sales Representative for pricing information					
Oracle Consulting Advisory for Oracle Engineered Systems					

## Exalytics

Prices in USA (Dollar)

Exalytics In-Memory Machine Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
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### Exalytics

Memory Expansion for Exalytics In-Memory Machine X4-4 and Exalytics In-Memory Machine X5-4	41,000	4,920	3280	1,230	
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License Price	Software Update License & Support	Licensing Metric	Notes
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### Exalytics Software

Database In-Memory for Exalytics	600	132.00	Named User Plus	19
TimesTen In-Memory Database for Exalytics	300	66.00	Named User Plus	5
	34,500	7,590.00	Processor	5
Exalytics In-Memory Software	370	81.40	Named User Plus	11
	30,000	6,600.00	Processor	11
Exalytics In-Memory Software for Oracle Hyperion Financial Management Plus	1,000	220.00	Application User	17

### Oracle Consulting Services

Contact your Oracle Sales Representative for pricing information  
 Oracle Consulting Advisory for Oracle Engineered Systems

## Oracle SuperCluster

Prices in USA (Dollar)

	Oracle SuperCluster Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Oracle SuperCluster</b>					
Oracle MiniCluster S7-2	155,000	18,600	12,400	4,650	1, 2, 21
<b>Oracle SuperCluster M8 Elastic Configurations</b>					
Oracle SuperCluster M8 High Capacity (HC) Elastic Base Rack	290,000	34,800	23,200	8,700	1, 2, 9
Oracle SuperCluster M8 Extreme Flash (EF) Elastic Base Rack	290,000	34,800	23,200	8,700	1, 2, 9
Oracle SuperCluster M8 Server with 2 processors	172,000	20,640	13,760	5,160	1, 2, 9
Oracle SuperCluster M8 Server with 4 processors	319,000	38,280	25,520	9,570	1, 2, 9
Oracle SuperCluster M8 Server with 6 processors	441,000	52,920	35,280	13,230	1, 2, 9
Oracle SuperCluster M8 Server with 8 processors	583,500	70,020	46,680	17,505	1, 2, 9
Oracle SuperCluster M8 Storage Server HC	50,000	6,000	4,000	1,500	1, 2, 9
Oracle SuperCluster M8 Storage Server EF	50,000	6,000	4,000	1,500	1, 2, 9
Oracle SuperCluster M8 InfiniBand Switch	16,000	1,920	1,280	480	1, 2, 9
<b>SPARC SuperCluster Upgrades</b>					
Oracle SuperCluster M7 Server with 1 processor	92,000	11,040	7,360	2,760	1, 2, 20
Oracle SuperCluster M7 Server Upgrade	46,000	5,520	3,680	1,380	1, 2, 20
Oracle SuperCluster M7 Storage Server HC	48,000	5,760	3,840	1,440	1, 2, 20
Oracle SuperCluster M7 Storage Server EF	48,000	5,760	3,840	1,440	1, 2, 20
Oracle SuperCluster M7 InfiniBand Switch	16,000	1,920	1,280	480	1, 2, 20
Oracle SuperCluster M8 Server Upgrade	73,500	8,820	5,880	2,205	1,2
Oracle SuperCluster M8 Storage Server HC	50,000	6,000	4,000	1,500	1,2
Oracle SuperCluster M8 Storage Server EF	50,000	6,000	4,000	1,500	1,2
Oracle SuperCluster M8 InfiniBand Switch	16,000	1,920	1,280	480	1,2
<b>Oracle Consulting Services</b>					
Contact your Oracle Sales Representative for pricing information					
Oracle Consulting Advisory for Oracle Engineered Systems					
Oracle SuperCluster Implementation Rapid Start Service (ONLY available in USA)					

## Big Data Appliance

Prices in USA (Dollar)

	Big Data Appliance Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
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### Big Data Appliance

Big Data Appliance X7-2 Full Rack	679,750	81,570	54,380	20,393	9
Big Data Appliance X7-2 Starter Rack	249,750	29,970	19,980	7,493	9
Big Data Appliance X7-2 High Capacity (HC) Node Plus InfiniBand Infrastructure	36,750	4,410	2,940	1,103	9

	License Price	Software Update License & Support	Licensing Metric	Notes
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### Big Data Software

Big Data Connectors	2,000	440.00	Processor	
Big Data SQL	4,000	880.00	Disk Drive	
Big Data Spatial and Graph	2,000	440.00	Processor	



## Oracle Database Appliance

Prices in USA (Dollar)

	Database Appliance Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Oracle Database Appliance</b>					
Oracle Database Appliance X7-2S	18,500	2,220	1,480	555	9, 21
Oracle Database Appliance X7-2M	30,000	3,600	2,400	900	9, 21
Oracle Database Appliance X7-2-HA	77,000	9,240	6,160	2,310	9, 21
<b>Oracle Database Appliance Storage Expansion</b>					
Three NVMe SSDs for Oracle Database Appliance X7-2M	15,000	1,800	1,200	450	9, 21
Five 3.2 TB SAS SSDs for Oracle Database Appliance X7-2-HA	25,000	3,000	2,000	750	9, 21
Fifteen 10TB HDDs for Oracle Database Appliance X7-2-HA	12,000	1,440	960	360	9, 21
Oracle Database Appliance X7-2-HA Storage Expansion - 20x3.2TB SSDs and 4x800GB SSDs	109,500	13,140	8,760	3,285	9, 21
Oracle Database Appliance X7-2-HA Storage Expansion - 15x10TB HDDs, 5x3.2TB SSDs, and 4x800GB SSDs	50,000	6,000	4,000	1,500	9, 21
<b>Oracle Database Memory Expansion Kits</b>					
Oracle Database Appliance memory expansion kit - eight 32 GB DIMMs (ODA X6-2)	5,000	600	-	-	2, 4, 9, 21
Oracle Database Appliance memory expansion kit - six 32 GB DIMMs (ODA X7-2)	5,000	600	-	-	21

## Private Cloud Appliance

Prices in USA (Dollar)

	Private Cloud Appliance Price	Oracle Premier Support for Systems (Annual)	Oracle Premier Support for Operating Systems (Annual)	Oracle Customer Data and Device Retention (Annual)	Notes
<b>Private Cloud Appliance</b>					
Private Cloud Appliance X5-2 Base Rack	117,400	14,088	9,392	3,522	22
ZFS Storage System for Private Cloud Appliance X5-2	53,279	6,393	4,262	1,598	
<b>Private Cloud Appliance Upgrades</b>					
Oracle Private Cloud Appliance X7-2 Server with 384 GB memory	17,824	2,139	1,426	535	
Oracle Private Cloud Appliance X7-2 Server with 768 GB memory	23,070	2,768	1,846	692	
Oracle Private Cloud Appliance X7-2 Server with 1.5TB GB memory	35,505	4,261	2,840	1,065	

## Footnotes

- <sup>1</sup> Hardware installation and software configuration services are not included.
- <sup>2</sup> The included Hardware Warranty is a 1 year warranty with a 4 hour web/phone response during normal business hours (Mon-Fri 8am-5pm), and with a 2 Business Day on-site response/Parts Exchange
- <sup>3</sup> Exadata Database Machine Expansion Switch Kit includes: Hardware and Hardware Warranty. Hardware installation and software configuration services are not included.
- <sup>4</sup> Memory Expansion Kit – Sixteen 32 GB DIMMs, Memory Expansion Kit – Twelve 16 GB DIMMs, Memory Expansion Kit - Eight 32 GB DDR4 DIMMs, Memory Expansion Kit – Twelve 64 GB DDR4 DIMMs, and Memory Expansion Kit – 384 to 768 GB, and Memory Expansion Kit - Six 32 GB DIMMs for Factory Install Only includes: Hardware and Hardware Warranty. Hardware installation and software configuration services are not included. Valid for use in specific Engineered System models and multiple units needed based on the Engineered Systems configuration size. Refer to the relevant Engineered System documentation for supportability and quantities needed.
- <sup>5</sup> If licensing by Named User Plus, the minimum is 20 Named User Plus licenses per Customer. Business Intelligence Suite Foundation Edition or Business Intelligence Suite Extended Edition is a licensing pre-requisite for this product. All TimesTen In-Memory Database for Exalytics users must have license entitlement to either Business Intelligence Suite Foundation Edition or Business Intelligence Suite Extended Edition.
- <sup>9</sup> This product is eligible for Business Critical Service for Systems.Base pricing is 5% of net hardware price.Additional information regarding deliverables and obligations can be found [here](#).
- <sup>10</sup> If licensing by Named User Plus, the minimum is 10 Named User Plus licenses per Processor.
- <sup>11</sup> If licensing by Named User Plus, the minimum is 20 Named User Plus licenses per Customer. The licensing prerequisites for this product are Business Intelligence Suite Foundation Edition, or Business Intelligence Suite Foundation Edition for Oracle Applications, or Business Intelligence Suite Extended Edition or Business Intelligence Suite Foundation Edition for Oracle Applications and/or Essbase Plus and/or Hyperion Planning Plus.
- <sup>14</sup> This hardware SKU can be combined with varying quantities of Exadata Database Server plus InfiniBand Infrastructure and Exadata Storage Server plus InfiniBand Infrastructure to achieve Elastic Configurations.
- <sup>17</sup> The Named User Plus license minimum is 25 Named User Plus licenses per customer AND Exalytics In Memory Software for Oracle Hyperion Financial Management Plus must be licensed for all users of the prerequisite product: Hyperion Financial Management or Hyperion Financial Close Suite. Further, this product has royalty-specific discount restrictions.
- <sup>18</sup> Oracle Standard System Installation AND (Oracle Exadata OR SuperCluster Configuration Service) must be purchased with Oracle SuperCluster OR Oracle Exadata Implementation Rapid Start Services respectively.
- <sup>19</sup> This product includes limited use Oracle Database Enterprise Edition and limited use Database In-Memory Option. Both are limited to use with Oracle Business Intelligence software and local disk storage only - no attached storage. Additional Oracle Database Options may not be licensed with this product. The minimum is 20 Named User Plus licenses per Customer. Business Intelligence Suite Foundation Edition or Business Intelligence Suite Extended Edition is a licensing pre-requisite for this product. All Database In-Memory for Exalytics users must have license entitlement to either Business Intelligence Suite Foundation Edition or Business Intelligence Suite Extended Edition.
- <sup>20</sup> Valid for use in specific SuperCluster models and multiple quantities may be needed based on the targeted configuration size. Refer to the relevant Oracle SuperCluster documentation for supportability and quantities needed.
- <sup>21</sup> This product is eligible for Oracle Customer Replaceable Unit Service. Base pricing is 3% of net hardware price. Contact your sales representative for more information.
- <sup>22</sup> Oracle Standard Installation Service is required because X7-2 compute nodes need to be field installed.

Term licensing is available for all Engineered Systems Software. The list price for a term license is based on a specific percentage of the perpetual license price. Annual terms licenses are available from 1 to 5 years: 1 year - 20% of list; 2 year - 35% of list, 3 year - 50% of list, 4 year 60% of list and 5 year 70% of list. Support for all term licenses is 22% of net perpetual fee.

## Definitions

**Disk Drive** is defined as a spinning media device that stores data accessed by the program.

**Flash Drive** is defined as a solid state media device that stores data accessed by the Program.

**Processor:** shall be defined as all processors where the Oracle programs are installed and/or running. Programs licensed on a processor basis may be accessed by your internal users (including agents and contractors) and by your third party users. The number of required licenses shall be determined by multiplying the total number of cores of the processor by a core processor licensing factor specified on the Oracle Processor Core Factor Table which can be accessed at <http://oracle.com/contracts>. All cores on all multicore chips for each licensed program are to be aggregated before multiplying by the appropriate core processor licensing factor and all fractions of a number are to be rounded up to the next whole number. When licensing Oracle programs with Standard Edition One or Standard Edition in the product name, a processor is counted equivalent to an occupied socket; however, in the case of multi-chip modules, each chip in the multi-chip module is counted as one occupied socket.

For example, a multicore chip based server with an Oracle Processor Core Factor of 0.25 installed and/or running the program (other than Standard Edition One programs or Standard Edition programs) on 6 cores would require 2 processor licenses (6 multiplied by a core processor licensing factor of .25 equals 1.50, which is then rounded up to the next whole number, which is 2). As another example, a multicore server for a hardware platform not specified in the Oracle Processor Core Factor Table installed and/or running the program on 10 cores would require 10 processor licenses (10 multiplied by a core processor licensing factor of 1.0 for 'All other multicore chips' equals 10).

For the purposes of the following program: Healthcare Transaction Base, only the processors on which Internet Application Server Enterprise Edition and Healthcare Transaction Base programs are installed and/or running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: iSupport, iStore and Configurator, only the processors on which Internet Application Server (Standard Edition and/or Enterprise Edition) and the licensed program (e.g., iSupport, iStore and/or Configurator) are running must be counted for the purpose of determining the number of licenses required for the licensed program; under these licenses you may also install and/or run the licensed program on the processors where a licensed Oracle Database (Standard Edition and/or Enterprise Edition) is installed and/or running.

For the purposes of the following programs: Configuration Management Pack for Applications, System Monitoring Plug-in for Hosts, System Monitoring Plug-in for Non Oracle Databases, System Monitoring Plug-in for Non Oracle Middleware, Management Pack for Non-Oracle Middleware, Management Pack for WebCenter Suite, Ops Center Virtualization Management Pack, and, Provisioning and Patch Automation Pack, only the processors on which the program that is being managed/monitored are running are counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Application Management Suite for Oracle E-Business Suite, Application Management Suite for PeopleSoft, Application Management Suite for Siebel, Application Management Suite for JD Edwards EnterpriseOne, all processors on which the middleware and/or database software that support the respective application program are running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following programs: Data Integrator Enterprise Edition, Data Integrator and Application Adapter for Data Integration, Informatica PowerCenter and PowerConnect Adapters, Application Adapters for Data Integration, and Application Adapter for Warehouse Builder for: PeopleSoft, Oracle E-Business Suite, Siebel, and SAP, only the processor(s) on which the target database is running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Audit Vault Collection Agent, only the processors of the database sources from which audit data is collected must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: In-Memory Database Cache, only the processors on which the Times Ten In-Memory Database component of the In-Memory Database Cache program is installed and/or running must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate, only (a) the processors running the Oracle database from which you capture data and (b) the processors running the Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Non Oracle Database, only (a) the processors running the Non Oracle database from which you capture data and (b) the processors running the Non Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Mainframe, only (a) the processors running the database from which you capture data and (b) the processors running the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Teradata Replication Services, only (a) the processors running the database from which you capture data and (b) the processors running the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Audit Vault and Database Firewall, only the processors of the sources which are protected, monitored or audited must be counted for the purpose of determining the number of licenses required.

**Named User Plus:** is defined as an individual authorized by you to use the programs which are installed on a single server or multiple servers, regardless of whether the individual is actively using the programs at any given time. A non human operated device will be counted as a named user plus in addition to all individuals authorized to use the programs, if such devices can access the programs. If multiplexing hardware or software (e.g., a TP monitor or a web server product) is used, this number must be measured at the multiplexing front end. Automated batching of data from computer to computer is permitted. You are responsible for ensuring that the named user plus per processor minimums are maintained for the programs contained in the user minimum table in the licensing rules section; the minimums table provides for the minimum number of named users plus required and all actual users must be licensed.

For the purposes of the following programs: Configuration Management Pack for Applications, System Monitoring Plug-in for Non Oracle Databases, System Monitoring Plug-in for Non Oracle Middleware, Management Pack for Non-Oracle Middleware, Management Pack for WebCenter Suite, Data Masking Pack for Non-Oracle Databases, Test Data Management Pack for Non-Oracle Databases, only the users of the program that is being managed/monitored are counted for the purpose of determining the number of licenses required.

With respect to the following programs: Load Testing, Load Testing Developer Edition, Load Testing Accelerator for Web Services, Load Testing Accelerator for Oracle Database, and Load Testing Accelerator Application Development Framework Applications, each emulated human user and non human operated device shall be considered as a virtual user and shall be counted for the purposes of determining the number of Named User Plus licenses required.

For the purposes of the following programs: Application Management Suite for Oracle E-Business Suite, Application Management Suite for PeopleSoft, Application Management Suite for Siebel, Application Management Suite for JD Edwards EnterpriseOne, Real User Experience Insight, Application Replay Pack, all users of the respective managed application program must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate, only (a) the users of the Oracle database from which you capture data and (b) the users of the Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate, only (a) the users of the Oracle database from which you capture data and (b) the users of the Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Non Oracle Database, only (a) the users of the Non Oracle database from which you capture data and (b) the users of the Non Oracle database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Mainframe, only (a) the users of the database from which you capture data and (b) the users of the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Oracle GoldenGate for Teradata Replication Services, only (a) the users of the database from which you capture data and (b) the users of the database where you will apply the data must be counted for the purpose of determining the number of licenses required.

For the purposes of the following program: Data Integrator Enterprise Edition, and Data Integrator Enterprise Edition for Oracle Applications, the users that are running or accessing the data transformation processes must be counted for the purposes of determining the number of licenses required.

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