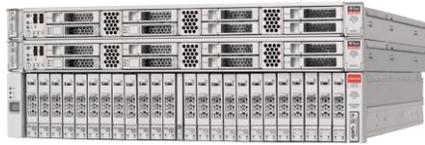




WebLogic on ODA

Frequently Asked Questions – February 2015



Licensing

QUESTION	ANSWER
Are there any changes to the software licensing or pricing, for WebLogic Server running on the database appliance?	For WebLogic, there is no change - pricing is the same for ODA as for other hardware. The difference is that you can take advantage of virtualized pricing by pinning a number of CPUs to ODAbase. The value of virtualization is the ability to allocate cores up or down to meet workload needs. When allocating more cores, users can pay at that time and not before, for cost savings.
Is there support for sub-capacity licensing?	Yes indeed – see more in the licensing section of this FAQ.
Is the “pay as you grow” or “capacity on demand” option available for both Oracle Database and WebLogic Server?	Yes, the virtual CPU pricing applies to both WebLogic Server and Oracle Database. It can also be applied to other Oracle software one may choose to run on ODA.
Are there any support restrictions, depending on what you deploy on ODA?	No - as long as you have fully licensed software from Oracle or others, you are fully supported by Oracle for your Oracle investment.
Is this scenario possible: 4 cores of Oracle Database, 4 cores of WebLogic Server; 4 cores of spare capacity for a 3rd party non-Oracle application?	Yes, this and many other combinations are possible. The user can definitely take advantage of the spare capacity.
Do we only need to license based on the vCPUs used? That is, 20 vCPUs = 10 cores?	Yes. Oracle software is licensed based on the number of cores that are pinned to that VM. This is the way Oracle VM pinning works. It is considered a hard partition. For ODA, we are supporting the pinning of VMs to cores. Hence, the core licensing option applies.
On the DB side, there is a "10-day failover" rule for those who want to use Active-Passive configuration, typically to save money. Is the same thing available for WebLogic?	Yes, the same rule applies - see here for more details: http://docs.oracle.com/cd/E23943_01/doc.1111/e14860/products.htm#FMWLC121 .
Active Grid Link for RAC was only in WebLogic Suite – has that changed with the release of the ODA?	No, the same is true for ODA. Active GridLink for RAC is only authorized for use with a WebLogic Suite license. If you are using WebLogic Server EE or SE, you can use basic GridLink (multi datasource). Users must license WebLogic Suite to use Active GridLink for RAC, on ODA or otherwise.



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It is ok to license ODA software based on a specified number of named users (NUPs)?	Yes, you can still use Named User pricing.
Regarding licensing, can I run ODA with WebLogic server only (no Database)?	Yes, it is possible. From a licensing perspective, if users have Database or WebLogic license capacity (in the form of a ULA, for example) they can simply buy the hardware and the additional software licenses they need.
Can one use Standard Edition WebLogic licenses on ODA, for those who wish to keep their license costs low?	Yes, as of WebLogic on ODA release 12.1.3, WebLogic SE is now also available for installation via the installation Wizard.
What are the licensing rules for WebLogic Standard Edition on ODA?	There are no specific licensing requirements or restrictions for WebLogic Server SE. If you create a VM with WebLogic Server SE on ODA you would license it with normal licensing parameters. It can be configured to consume as little as 1 core of WebLogic.
There is no special SKU for WebLogic Server on ODA correct?	Yes that is correct. Users would simply buy normal WebLogic Server licenses. There is an extra download of the configuration software, which can be accessed via eDelivery, MOS or OTN, and there is no fee for this.

Configuration and Installation

QUESTION	ANSWER
WebLogic Server will run on OVM only and not on bare metal, true?	No, the user has the option of doing their own installation and configuration of WebLogic on bare metal, but if they want to take advantage of the wizard driven automated installer, then installing on virtualized ODA is the only option.
Can a user migrate from the bare metal option to the virtualized option now that it is available?	Yes, but it requires reimaging the whole box in order to install the virtualization option. So a user must backup, reimage, rebuild the ODA base domain, and then restore the DB.
Can one install WebLogic with clustering on the ODA?	Yes, one can choose either WebLogic Server EE or Suite, both of which offer clustering. WebLogic SE provides no clustering option.



WebLogic on ODA

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Are Weblogic Server Clusters enabled with the same Oracle clusterware that is enabling RAC/RAC One Node?	WebLogic cluster is distinct from RAC clusterware. The WebLogic Server cluster is part of what is called a WebLogic domain. The WebLogic domain with the WebLogic cluster is installed, configured and administered in the application virtualization layer of the database appliance. The cluster software for WebLogic clusters does not use the same clusterware that enables RAC/RACOne; its clustering is specific to WebLogic Server.
Do you need shared storage on the WebLogic side for clustering? How is that handled?	No, you do not need shared storage on the WebLogic Server side for clustering. Each WebLogic Server VM has its own local storage. However, with the latest releases of the DB and WebLogic configurators, shared storage is now available to WebLogic.
Are there any limitations with respect to storage?	With database and WebLogic on the 12.1 stack and beyond, all domains have access to all storage. The ODA storage expansion shelf is another easy way to gain additional storage capacity, and is designed with the ease of use concept too.
Can we implement different versions of WebLogic on the same ODA with separate OVMs, such as WebLogic Server 10.3.6 and 12c, without losing any patching or management features and capabilities?	You can deploy either WebLogic Server 11g (10.3.6) or WebLogic Server 12c (12.1.2, 12.1.3). We currently do not support a combination of different versions, when using the oakcli based configuration tool. However, this can be done outside of the tooling, if desired, by the user.
Are there any restrictions on the platform that can run on ODA? For example Windows, Linux, Solaris?	Windows, Oracle Enterprise Linux and Solaris domains are supported by way of the templates that Oracle has made available for ODA. Some ISVs are making custom templates too. There are some restrictions based on memory; domains can be created as long as they fit in the shared storage. All of these platforms are supported with user domains, however the ODAbase and Dom0 are not allowed to be changed by the user. In this case, Oracle DB is supported by OEL only.
How does Database and WebLogic patching work on ODA?	The database software provisioned on ODA can be patched using Oracle Appliance Manager. The details can be found here: http://docs.oracle.com/cd/E22693_01/doc.21/e22692/postinstall.htm#autold5 WebLogic patching is done just as it is for any standard WebLogic installation. Simply patch/PSU inside of each VM using the standard patching process. In the future, we will have simplified scripting to provide help for the patching process.
How complicated is it to put WebLogic on an already existing ODA box?	It is possible to install WebLogic on an existing, deployed ODA, for both bare metal and the virtualized option. You can install WLS on an existing ODA by using the WebLogic configurator utility.



WebLogic on ODA

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Do WebLogic customers need to buy the latest ODA hardware?	No, you can deploy on any version of ODA hardware. You can deploy the latest WebLogic for ODA release on your current ODA.
Can directories run in the ODA domains?	Our position on this is that if there is an Oracle VM template, then it should be able to run on ODA Virtualized platform.
Can I choose to get OVM with ODA preinstalled without having to reimage?	You have to re-image ODA with the virtualized platform option. Some partners may be able to deploy the virtualized platform for their customers.
What is the maximum number of OVMs that can be run on an ODA?	<p>The answer is determined by a combination of 3 variables: physical storage, memory and CPU. Please refer to the datasheet and sizing table for details.</p> <p>The X4-2 hardware has a total of 48 cores. It is always advisable to reserve some capacity for performance, failover, etc.</p>
What is the footprint for 2, 4 and 8 node WebLogic Server configurations (memory / storage / minimum CPU)?	<p>In the latest release of WebLogic Server 12.1.3, the admin server and managed server can be configured in the same VM. In earlier releases, each VM had one managed server or the admin server configured.</p> <p>By default, WebLogic allocates 4G of memory, 3G of Java heap to the managed server and 2G of memory, 512MB of Java heap for the admin server. Admin server has 2 vCPU and managed servers have 4 vCPU allocated by default.</p> <p>For Oracle Traffic Director, each VM has one server instance or the admin server configured. By default, it allocates 6G of memory for the admin node and 1G of memory for the admin server. The admin server 4 vCPU, admin node has 2 vCPU allocated by default.</p> <p>Depending on the cluster size, the memory usage and total vCPU allocations will change.</p>
Is the shared storage available to the VM environment?	Yes, the shared storage can be used by the database, WebLogic, and other applications.
How much disk space do the WebLogic Server template files use?	Each VM has an operating system disk (4GB total space). In addition to this, there are two additional virtual disks mounted at /u01 and /opt/oracle. The /u01 mounted disk contains the WebLogic Server domain configuration and the load balancer instance home, with 7.5GB total space. The /opt/oracle mounted disk contains the WebLogic Server and load balancer installations.
Is there any plan to increase the shared storage capacity?	If this is a concern for you, you may want to consider Exadata and/or Exalogic. However, ODA also supports external storage. Storage support will increase in the future, but never to the scale of Exadata.



WebLogic on ODA

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Can a generic DataSource for a single database instance be configured?	Yes. You can configure a generic data source connecting to a single DB instance.
After running the Configurator, what can or cannot be tweaked from WebLogic Admin Console or WLST?	Post provisioning, you can use Admin Console or WLST scripts to change anything you want. It works the same as a regular install on other hardware.
If a user configures a certain number of CPUs first, and then later decides to add more cores, how easy is this process? Is it just adding more WebLogic Server VMs using the new cores?	<p>Yes. It is very simple to add more WebLogic Server up to the capacity of the ODA. That is the designed-in simplicity and beauty of this appliance. It also allows users to only pay for capacity they need, adding more easily as their needs grow over time.</p> <p>Currently, this can be done by provisioning a new domain by running the WebLogic on ODA configurator. If the new domain has no relationship with the existing environment, this works today.</p> <p>It will be supported in the next WebLogic on ODA release in the wizard driven auto-provisioning process for adding assets into an existing provisioned environment.</p>
Is it possible to run the database on baremetal and WebLogic on virtualized ODA? If so, how is this done?	<p>Yes, this is possible. (In fact, it is not essential to run database at all – the ODA can also function as an “Oracle WebLogic Appliance”.) How this is done:</p> <ol style="list-style-type: none">1. Install DB in bare metal option2. Use the DB configurator to set up the ODA base, but don't initiate the database during the provisioning process3. Use WebLogic configurator to provision WebLogic, Coherence and Oracle Traffic Director
Is it possible to run both database and WebLogic on bare metal?	Yes, this is possible. The user will need to install WebLogic without the support of the automated provisioning tool.



WebLogic on ODA

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WebLogic Clustering

QUESTION	ANSWER
I heard that multi clusters are now supported. How many WebLogic Server domains can be created on an ODA?	Yes, as of WebLogic release 2.9 we support multiple clusters of WebLogic. Multiple domains are also supported in the same release.
What are the difference between WebLogic on ODA 2.9 and 2.9.1, and 12.1.3?	<p>WebLogic on ODA 2.9 supports WebLogic multi domain, multi cluster option and other advanced features.</p> <p>On top of 2.9, WebLogic on ODA 2.9.1 is the version with the certification of ODA 2.10 software, and v1, X3-2 hardware.</p> <p>With WebLogic for ODA 12.1.3, we aligned the naming convention to match the database releases (from 2.9 to 12.1). In addition, these capabilities were added: WebLogic single instance, including co-location for cost or space sensitive users with lower HA needs (e.g. Admin Server only, Single Managed Server, Admin Server + Managed Server in a single VM); clusters now optional; automated provisioning of Coherence - world's leading data grid technology; much faster provisioning using new snap feature; better GUI and provisioning tool experience with more configuration options.</p>
Can I opt to have WebLogic on just one node or does it have to be deployed in a clustered environment, or 2 nodes?	Yes, you can install WebLogic on just one node if desired; it does not need to be in a clustered environment. In fact, for a very small development environment, you can even choose to run the Admin Server as the Managed server in a single VM, for the smallest possible deployment. WebLogic SE is also available now on ODA, which is the least expensive WebLogic version, and does not provide for clustering.
Is there any restriction on the minimum number of WebLogic cores that can be allocated?	The minimum set up for WebLogic, as of the latest release, is as mentioned above – the admin server functions as managed server in a single VM.
Can you configure additional WebLogic Servers after provisioning using the configurator, once it has been configured?	This can be easily done using post provisioning tools to create a new node and join it to the cluster. In the next release, we will support additions to the existing provisioned environment.
Is WebLogic whole server migration possible?	The whole server migration can be set up post provisioning.
When the WebLogic Server provisioning process finishes, is the complete environment up and running and ready to deploy applications?	Yes; this is the beauty and simplicity of this appliance.



WebLogic on ODA

Frequently Asked Questions – February 2015

Load Balancer

QUESTION	ANSWER
What is the software load balancer on ODA?	<p>The software load balancer used for ODA is a restricted use license of Oracle Traffic Director (OTD).</p> <p>Oracle Traffic Director is a fast, reliable, and scalable layer-7 software load balancer that you can deploy as the reliable entry point for all TCP, HTTP and HTTPS traffic to application servers and web servers in your network.</p>
How is Oracle Traffic Director licensed for use with ODA?	<p>Oracle Traffic Director is available in limited fashion with ODA. WebLogic includes a feature called Oracle WebLogic Software Kit for Oracle Database Appliance, which is now sold as a stand-alone offering, only available on Oracle Database Appliance. The new feature includes</p> <ul style="list-style-type: none">(a) integration software for configuration of WebLogic Server on ODA, and(b) Oracle Traffic Director (limited to: high availability virtual IP, Access Manager WebGate, origin server load balancing to WebLogic Server, HTML content serving on ODA). <p>More details are available within the <i>Oracle WebLogic Software Kit for Oracle Database Appliance</i> section in the licensing documentation here: http://docs.oracle.com/cd/E55108_01/doc.1213/e56762/products2.htm#CHCJBEG</p> <p>For licensing purposes, OTD consumes WebLogic cores and is restricted to front-ending applications deployed within Oracle Database Appliance.</p> <p>Here, OTD is configured in High Availability (Active/Passive) mode with an admin server plus 1 admin node configurations, (admin node is equivalent to WebLogic Managed server for OTD) and would consume 2 cores of WebLogic for licensing purposes.</p>
Can I run WebLogic Suite (for the WebLogic Server managed servers) and WebLogic Server EE or SE (for the load balancer instances) on the same box?	<p>OTD is licensable via any WebLogic license version (SE, EE or Suite) and as mentioned above, is restricted to front-end applications deployed within the ODA platform.</p> <p>Since Oracle Traffic Director is deployed with High Availability capability on the ODA platform, OTD use on ODA requires licensing two cores of any version of WebLogic. So yes, you can license and deploy WebLogic Suite for your application running on WebLogic on ODA, and license WebLogic SE or EE for OTD to front-end your applications on ODA.</p>



WebLogic on ODA

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<p>Is the load balancer in lieu of a physical load balancer? That is, is its purpose to balance loads between the WebLogic Servers running in the 2 ODA nodes?</p>	<p>Yes, it routes traffic between different WebLogic instances. For more information please see: http://docs.oracle.com/cd/E23389_01/doc.11116/e21036/get_started.htm#TDADG102</p>
<p>Is the load balancer installed as part of the WebLogic Server install or is it a separate installation? Can I choose not to install it if desired?</p>	<p>The load balancer requires a separate VM. In the provisioning process, it's installed together with WebLogic Server, but it is packaged as a separate product. During the provisioning process you have the option whether or not to install OTD.</p>
<p>Is there a relationship between the number of load balancer nodes in the ODA and the number of WebLogic Server VMs? Does the number of load balancer VMs depend on the number of WebLogic Server VMs, or does one set of 2 load balancer admin/managed nodes support all WebLogic Server VMs in the ODA nodes?</p>	<p>One set of 2 load balancer admin nodes and one admin sever supports all WebLogic Server managed server instances in all different VMs on the ODA nodes. There is no relationship; the load balancer always has a 2 node failover group.</p>
<p>Is the load balancer running outside ODA or inside?</p>	<p>The load balancer runs inside the ODA box. It has three separate VMs - one for the Admin Server and two more admin nodes for active-passive scenarios. This is similar to the way it works with WebLogic managed server. So the active instance is set up on one compute node, and the passive instance is set up on a different compute node. By setting up a virtual IP, traffic is routed between those two instances, and it also provides high availability for failover solutions.</p>
<p>In ODA, how does one separate the tiers on such a platform? Some users may require a firewall between WebTier and WebLogic.</p>	<p>Many users have always wanted to separate every tier through a firewall. Here, they have two choices:</p> <ol style="list-style-type: none">1. Use an external load balancer along with application level firewall such as F5 and Cisco ASA. Here, trusted traffic enters WLS Domain.2. Use the built-in software based web application firewall feature available within OTD. This is based on Open Source Mod Security. Users can either write specific rule sets or simply use Open Standard Core Rule Set publicly available to protect their application. For more information, please see OTD product documentation on Web Application Firewall - http://docs.oracle.com/cd/E23389_01/doc.11116/e21036/security006.htm <p>Both OTD and OHS have the same Web Application Firewall capability to provide application specific protection.</p>



WebLogic on ODA

Frequently Asked Questions – February 2015

Can OHS be installed on ODA?	Yes, OHS can be installed on ODA manually. Currently, we don't support installing OHS on ODA via the oakcli based configurator.
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Other Middleware and Applications on ODA

QUESTION	ANSWER
Can users deploy layered products on ODA?	<p>Yes. The key difference is that for WebLogic Server, we have made it much easier with the installation, networking, VM images pre-created and pre-configured with very easy to use customizations, and integration with load balancing. For SOA, WebCenter etc. users can easily install WebLogic Server+SOA on an OVM image and configuring multiple OVM images, like they would a physical OS on physical machines, to work on ODA.</p> <p>Some of our partners are also developing solutions-in-a-box for installing SOA on ODA. For example, O-Box from Veriton.</p>
OK so it is possible, and we assume therefore supported to install other middleware components on top of WebLogic Server, even if there is no special installer/configurator for it?	Yes. It absolutely works and is supported. The big value-add here is sub-capacity licensing for any Fusion Middleware components (hard partitioning). This works well and is supported (not ODA-specific support but just standard support).
Are the layered FMW products certified on ODA? Are there OVM templates for these products that can run on ODA?	<p>There is no ODA-specific certification; if the Oracle products are certified to work together in general, there is no special certification for them on ODA. Several ways to put SOA suite on ODA now are</p> <ol style="list-style-type: none">1. OVM template that either Oracle or the user creates2. Install the SOA software on top of the provisioned WebLogic Server environment3. Contact a partner such as O-box that offers a simple "2-stick install" of SOA Suite on ODA



WebLogic on ODA

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What is the difference between the WebLogic installation and management experience, and other FMW on ODA?	The virtualized layer will support pretty much anything you want to put on OVM. It does require the OVM template, or to have the OVM instance of Webcenter content, Webcenter portal, etc. It also requires standard cluster configuration. The main difference with WebLogic is that we pre-wire it together with the networking, and pre-cluster it together with Oracle DB. We do this as part of the provisioning. So this can be used as a baseline, and then the user may layer some Webcenter content, portal, sites, on top of it just by installing the software on top of that cluster. This is the typical installation procedure.
Can Coherence be used on the ODA box?	Yes it can, and with the latest release of WebLogic 12.1.3, if you choose to install WebLogic Suite, it comes with entitlement to run Coherence. With this latest release of WebLogic on ODA, the automated installation and configuration of Coherence on ODA is now also available.
Where is the list of Oracle VM supported templates?	The pre-created templates are available on eDelivery, MOS and OTN.
If I only need Forms and Reports, do I have to license and deploy WebLogic Suite? Can I just use Forms & Reports on ODA?	You can just use Forms and Reports on ODA. But also note that there are no VM templates yet for Forms and Reports on ODA. You may easily set them up manually post-install. Of course, you will need to work out the licensing entitlement for Forms and Reports.
Can you run other Oracle apps such as PeopleSoft on the ODA?	Yes, this is supported. We support the templates created to run on ODA on OVM. Users can manually install the apps as well.
Are there any limitations regarding the applications we can deploy on top of WebLogic Server?	No limitations, as long as they fit within the technical and size capabilities of the ODA.



WebLogic on ODA

Frequently Asked Questions – February 2015

<p>Is it possible to run another app server on ODA? How about ODA with non-WebLogic, like Tomcat or .net under Windows?</p>	<p>ODA now has a virtualized application layer. That is generic for anything running on OVM. You can run an OVM template in that environment and you can put anything into it that you like – Tomcat, WLS, etc. But what we did with ODA is to make it dead simple and best practice wired to the Oracle database with our provisioning of WebLogic Server. We think users will find this a significantly stronger value proposition. But if that is not sufficient and they want something else they are welcome to 'roll their own' solution on top of the virtualized application layer.</p> <p>Also, if a customer uses third-party products, they will need to engage different companies to support them.</p> <p>By choosing to run Oracle database and WebLogic application server on ODA, all the support is included.</p>
<p>Given that non-Oracle application servers are allowed as long as they are hosted in OVM, can users provision WebLogic Server domains/clusters manually instead of, or in addition to, the WebLogic Server domain/cluster provisioned by the Configurator?</p>	<p>For any software that is supported by OVM, yes, this is possible. However, the downside to this is that the user will not be taking advantage of the speed, simplicity and value of using the WebLogic configurator to provision and configure WebLogic, Oracle Traffic Director, Coherence, etc.</p>
<p>Isn't this the perfect place to use the Enterprise Management pack? It would be powerful to have one environment managing both the Database and WebLogic Server on this appliance.</p>	<p>It is. We have done specific integration here so that the EM agent is pre-provisioned. EM Cloud Control with WebLogic Server on ODA is pre-configured for instant Enterprise Manager administration and an integrated solution for WebLogic Server and WebLogic Management Pack.</p> <p>Cloud Control can be used to manage WebLogic and OTD; and it can be used for patching WebLogic as well.</p>
<p>Are other Oracle and ISV applications planning on doing certification and testing on the ODA box?</p>	<p>The ODA team is indeed working with other internal teams to do something similar to what we have done with WebLogic Server – such as ease of use provisioning and configuration; there is definitely interest there. There is also significant ISV participation and several solutions available.</p>
<p>What about OVM support?</p>	<p>It is included - no separate license or cost is required. Users may open service requests with the ODA support team, and they arrange access to other support as needed.</p>
<p>Is it only Oracle VM that is supported? What about other virtualization technologies?</p>	<p>Yes, only Oracle VM.</p>



WebLogic on ODA

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Where ODA Fits

QUESTION	ANSWER
How does ODA compare to Exa* systems?	An excellent fit for the use case of ODA with Exa is the branch office scenario for ODA, and data center hub for Exa. ODA as the small to medium sized branch office deployment, coupled with Exa in the datacenter, is a very complementary combination and makes for a cost-effective solution as well as providing easy, efficient expansion as an enterprise grows over time.
Will offering a virtualization layer on ODA open up scaling on WebLogic outside ODA?	<p>In theory technically you can do it, but the design center is for it to be contained on the box. It is discouraged to daisy chain these boxes together into a large cluster. That is where the Exa* model plays. The design center is a solution on a box – WebLogic Server co-located with an Oracle DB. For example, in a 16-node WLS cluster, one could have 2 ODA boxes with 2 RAC DBs on it. For a 24-node cluster, we would have 3 ODA boxes, each with an 8-node cluster on it, and 3 RAC instances on it as well.</p> <p>ODA is not architecturally designed for this – it is not a best practice use case for ODA. As for being a scale out solution with many ODA boxes – that is not really what this was designed for. We recommend Exa* for those getting up into 4Us, 8Us. In this case, we encourage users to consider our larger engineered systems, since their capacity issue is better addressed by Exalogic and Exadata.</p>
Can one combine multiple ODAs (not nodes, but ODAs) with one being active and the other being passive?	ODA is a self-contained 2-node DB cluster; it is not the intent of this product to include clustering multiple ODAs.
What about installing the database on one ODA, and WebLogic on a separate ODA – is this a supported configuration today?	Yes, this is possible.
Why are we not supporting clustering of ODA boxes?	We offer Exalogic/Exadata for larger applications or needs. The market this appliance addresses is different than that of Exa*. Users who want to cluster ODA boxes are better advised to use Exalogic/Exadata.
Can you deploy just OVM and the Database on ODA, and skip WebLogic?	Of course! It is first and foremost a Database appliance.



WebLogic on ODA

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Can users create WebLogic Server domains/clusters spanning ODA boxes and other commodity H/W?	While possible, this is not advised. For users with this kind of need, we recommend a solution consisting of Exalogic and Exadata – systems that were specifically designed for this kind of purpose.
Can we think about this product as an "Oracle Appliance" or "Oracle Solution Appliance", or "Software appliance"?	Depending on your use case, definitely. The ability to run WebLogic Server and applications allows ISVs to create turn-key appliances. Also, users who need a branch office deployment due to space limitations and don't have the skills to run the entire Oracle stack will benefit from this solution. Note that it is not just a collection of products – it really is a complete solution.
What is the key value proposition of WebLogic on ODA?	The focus is on the 'simplicity' message - simplify your deployment - reap the benefit of this right-sized appliance. No other vendor offers best of breed software, hardware and support from one vendor, with ultra-simple installation, configuration and management built in.

Other

QUESTION	ANSWER
What is JeOS?	Just enough Operating System as it applies to a Software Appliance. JeOS refers to a customized operating system that fits the needs of a particular application. We use this concept for both Exalogic and appliance products, such as ODA.
For WebLogic Server installations what might be a rough estimate for how long installation takes, compared to a traditional WebLogic Server installation?	WebLogic Server provisioning takes about 2 hours; this is after the completion of the OVM and database installation. It installs directly on the VMs. Compare this to a typical non-ODA WebLogic deployment time of 2 weeks or more for a similar configuration, which would also include buying your own separate hardware, DB and WLS licenses, downloading the software, and doing your installation and configuration. With the new feature of snap shot in the latest release, the installation time has been significantly reduced to under one hour.
How will we deliver the software to simplify the provisioning? Is there a special template, specific install/wizard?	We have an installation guide that shows how to get the software and what the steps are - it is very easy and wizard-driven. The software can be downloaded from edelivery.



WebLogic on ODA

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Is there a separate configurator or tool for patching WebLogic Server?	Not for the current versions. It is the same as patching a regular WebLogic Server install. You just patch/PSU inside of each VM using the standard patching process. In the future, we will have simplified scripting to provide help for the patching process.
Let's suppose one WebLogic node goes down. How are clients redirected to the second node? Is Oracle Traffic Director managing this?	If the WebLogic Server instance crashes in node 1, the whole server migration will take care of the recovery to the instance running on node 2. With OTD, the HTTP request can be failed over between WebLogic Server instances.
Are there many external solutions being offered on ODA, such as by ISVs?	The virtualization release is very attractive to ISVs; there are many available solutions and many newly engaged parties. For tools and support for ISVs please contact paul.tsien@oracle.com
What are alternate solutions to WebLogic on ODA?	<p>Bottom line - the alternative is to "build your own", using commodity hardware plus your favorite OS, DB and application server. When you consider time to choose, design, order, install, configure, troubleshoot, tune, etc. – the ODA value proposition becomes extremely attractive.</p> <p>This is clearly superior in terms of overall price relative to commodity hardware, and then as a solution overall because of the time to value of the "plug and go" experience, capacity on demand licensing, and speed to capability.</p>