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SEPTEMBER 22-24, 2025 | KANSAS CITY, MO

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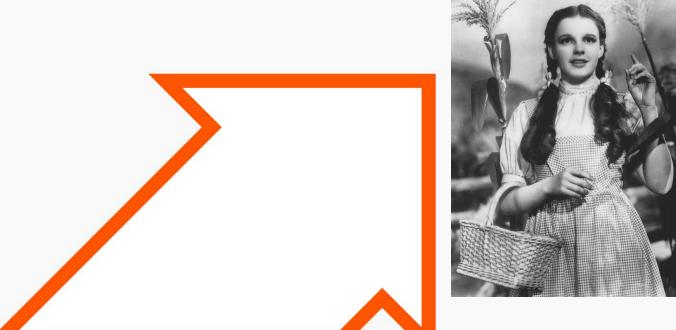CON VERGE

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Design Engineer

Session Overview

ESXI7 EOS – Why Broadcom, why?

But can't I just upgrade my Avaya Server?

So, you need a new deployment model…

Not all deployment models are equal.

Show me the use cases!!!

Which model is right for me?

What do you think?

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ESXI7 EOS – Why Broadcom, why?

$ Broadcom buys VMware for $60B+ (give or take a few Bill) Nov 2023

$ Immediately flips model to subscription, changes offers, general malarkey & chaos ensue

$ June 2024, Broadcom discontinues its Embedded OEM program for manufacturers

$ Avaya OEM ASP 130 and 8300 Servers running ESXI R7 lose support in October 2025

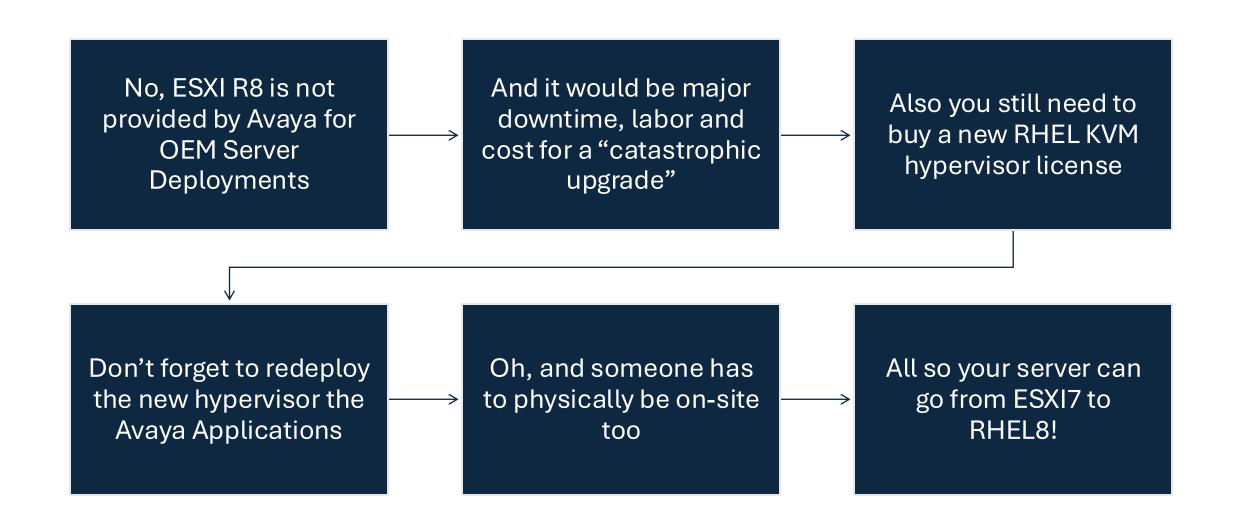$ More options available with RHEL KVM, Nutanix or new VMware ESXI

Audience Poll

What is your environment running on today?

Have you thought about what your plans are for tomorrow?

Can't I just upgrade my Avaya Server?

No, ESXI R8 is not provided by Avaya for OEM Server Deployments

And it would be major downtime, labor and cost for a "catastrophic upgrade"

Also you still need to buy a new RHEL KVM hypervisor license

Don't forget to redeploy the new hypervisor the Avaya Applications

Oh, and someone has to physically be on-site too

All so your server can go from ESXI7 to RHEL8!

Catastrophic Upgrade Scenario

Step	Description	Time	Note
1	Backup all virtual servers to local PC, required for restore after new virtual servers are deployed	Varies	May be completed just prior to upgrade
2	Access existing ESXi and shutdown all of the current virtual servers	Varies; estimate 1/2 hour	
3	Upgrade the servers BIOS	1 hour	
4	Power Server Off and install the 2 additional Hard Drives	1/2 hour	
5	Configure RAID	1 hour	
6	Install the new KVM	2 hours	Loading new software, initial configuration & patchir
7	Install the virtual servers one at a time and restore the backups taken in STEP #1	Varies	Dependent on the number of applications per server

So, you need a new deployment model...

Differences between ESXI versus RHEL

Are all Avaya applications supported?

Hardware & Licensing requirements

Does anyone know how to turn this thing on?

Security certificates and patching anyone?

Not all deployment models are equal

New ASP OEM RHEL KVM Sever Bundles from Avaya

Software Only Deployments

Caveats and Creative Design

How does it fit into overall architecture?

Avaya ASP 130 & S8300E Server Bundles

700519836	ASP 130 R6 HYPERVISOR DELL R660 SRVR A1 BNDL	$16,470
700519837	ASP 130 R6 HYPERVISOR DELL R660 SRVR A2 BNDL	$23,059
700519838	ASP 130 R6 HYPERVISOR DELL R660 SRVR A3 BNDL	$36,009
700519839	ASP 130 R6 HYPERVISOR DELL R660 SRVR A31 BNDL	$37,824

700515840	S8300E PRELOADED TAA	$6,000.00
700515841	S8300E PRELOADED	$6,000.00

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Software Only Customer Responsibilities

The deployment of Avaya Aura applications as Software Only is available but a restricted offer for net new deployments and requires Avaya Aura BU approval before proceeding. If you have a business requirement to deploy Avaya Aura as Software only please provide all the details as requested in this document.

Existing customers using software only deployments continues to be supported.

Following points need to be taken into consideration for software only deployments:

*In a software only deployment customer owns the infrastructure and operating system, Avaya provides the application software.The customer must install and customize the operating system to meet the requirements for Avaya Aura® applications. While a software only deployment offers flexibility to customers in terms of choosing the platform of their choice, it is important to note that Avaya performs testing for software only deployments on limited platforms only - Cloud: Microsoft Azure, Amazon Web Services, Google Cloud Platform and IBM Bluemix & Hypervisors: VMware, KVM, HyperV [Please always refer to product documentation for the updated list] . Customers can choose other platforms but must make sure that they adhere to the computing resource guidelines and underlying OS version mentioned in product documentation. In case of issues related to deployment on platforms, other than the tested platforms (MS Azure, AWS, GCP, IBM Bluemix), Avaya Services will provide best effort support to fix those issues, however Product House/CPE support will not be available. Also the deployment related issues will be billed on a T&M basis. If issues cannot be fixed then customers will be advised to move to another platform or deployment model (VMware virtualized environment).

* Software only deployments are supported on multiple platforms such as Microsoft Azure, AWS, GCP, IBM, and others as mentioned in above point. However Microsoft Azure is the most recommended platform by Avaya for software only deployments as this is the platform of choice for Avaya Enterprise Cloud, and so the Aura apps are thoroughly tested on this platform. The other platforms as mentioned above are also supported but only basic testing is performed for Aura applications on these platforms

* A net new deployment of Software only is only supported on Aura 10.2 or above

* By owning the infrastructure customers can deploy third party applications such as Antivirus and Monitoring applications of their choice with Aura applications. Avaya does not provide any list of third party supported applications for a software only deployment as there are many and it's not feasible to test all of them with every release. In case of a support issue, to fix or isolate the issue Avaya Services may advise customers to remove these third party applications if they suspect it to be causing issue. Also Avaya does not guarantee that the performance benchmarks stated in product documentation will have no impact due to installation of these third party applications

* Please follow the Software Only Deployment guides for each Aura applications to ensure a supported deployment configuration. As Service Packs/Feature Packs are available on Aura 10.2, reference PSN020617u - Avaya Aura® 10.2.x Software-only RPM updates. It is very important that new releases of RPMs that are critical for a product have been tested by Avaya before they are used with the Avaya applications. Avaya will test and release the latest RPM list on a regular basis in this PSN thus allowing software only customers to update the Avaya Aura application operating systems as quickly as possible while ensuring optimal application stability and performance.

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How does it fit into overall architecture?

Show me the use cases!!!

Traditional

Customer Managed
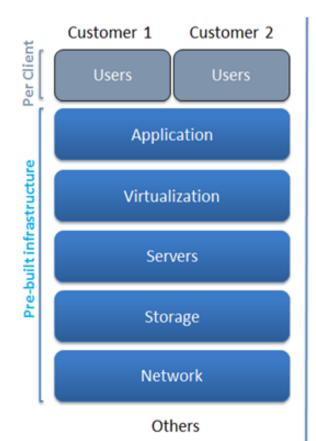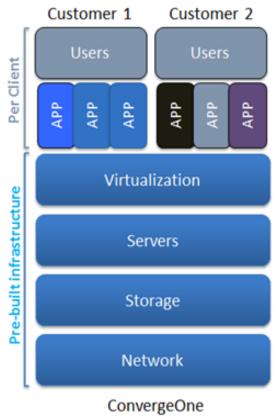
Partner Managed

Hybrid Private Cloud

C1CX – VIRTUAL PRIVATE CLOUD

Key Differentiators

> Shared infrastructure and dedicated applications, allows for the security, customization and flexibility that consumers in the medium to larger enterprise and verticals demand.

> High availability design across geographically diverse data centers and multiple carrier partners enable ConvergeOne to provide an uptime guarantee of 99.99%.

> Solution customization via certified 3rd party applications and ConvergeOne dev ops capabilities

> Comprehensive IT operations provided by ConvergeOne managing your hybrid cloud deployments end-to-end.

> OnGuard MS platform offering a fully integrated set of management tools for monitoring and managing your environment.
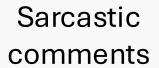

Others

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Which model is right for me?

- Does it need to play well with other?
- Who wants to learn Red Hat Enterprise Linux?
- Who wants to pay more money to Broadcom?
- What is supported and fits in with my strategy?

What do you think?

Sarcastic comments

Witty observations

Snarky commentaries

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"You have plenty of courage, I am sure," answered Oz.

"All you need is confidence in yourself. There is no living thing that is not afraid when it faces danger.

The true courage is in facing danger when you are afraid, and that kind of courage you have in plenty."

— **L. Frank Baum,** The Wonderful Wizard of Oz

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Scan to join the IAUG community!

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