



The Power of We™

# Avaya Aura® Virtualized Environment

## Industry leading Avaya Aura® Unified Communications applications installable as VMware virtual machines

### Advantages of UC Virtualization with Avaya

Avaya Aura on VMware

Provides full Avaya UC services  
on customer provided hardware

- Easy expansion of existing Avaya Aura installations to extend scale and features
- Migration to latest release level without additional Avaya appliances
- Support for legacy equipment as well as SIP based infrastructure
- Mobile Collaboration solution on virtual machines for extended remote worker features

### Flexible deployment options

- Avaya Aura UC applications in multiple formats: software only, hardware appliances, turn-key 'cloud' enabler
- VMware architecture enables managed movement of Avaya Aura apps as VMs for maintenance, administration, support, traffic, emergencies

### Management/Reliability

- Avaya Aura applications support survivable core, software duplication, and VMware High Availability
- Avaya Secure Access Link (SAL) supported as a virtual machine provides on-demand, high speed, secure SSL link for detailed data logging and audits with extensive customer control mechanisms and policy capabilities.

### Real-time applications and the virtualized network

Virtualization of any enterprise's server infrastructure offers benefits in hardware consolidation and system management. The network environment is changing, the model for server infrastructure is becoming one of not just better utilization of hardware but also sharing the hardware over multiple individual applications. However, even with the benefits, moving real-time communications to virtualized servers can offer performance restrictions. Many enterprises have delayed consolidating their communication servers because of real-time issues. Avaya provides a major step forward in the virtualization of the communications environment with the integration of real-time Avaya Aura® applications and VMware\* virtualized server architecture.

### Avaya Aura provides one of the leading UC collaboration solutions for the midsize and large enterprise

Avaya Aura Unified Communications (UC) solutions enable mobile and video collaboration for the enterprise. The benefits for customers are obvious — Avaya Aura provides better business collaboration, better mobility solutions, better video communications, better Bring Your Own Device (BYOD) — UC communications designed to accelerate any business. The Avaya Collaborative Cloud™ is designed to address the move of UC applications from a private network to an enterprise wide 'cloud' solution. Avaya Aura on VMware is an important step in building the Collaborative Cloud. Avaya Aura VE offers the advantages of

Avaya UC collaboration within a virtualized server arrangement while meeting all requirements for true real-time performance.

### Avaya Aura Virtualized Environment

Traditionally Avaya Aura has been sold as an individual appliance, servers tested and programmed by Avaya, installed within customer's networks to offer excellent collaboration capabilities and business advantages. Avaya Aura Virtualized Environment (Avaya Aura VE) offers another deployment option for UC users. For existing customers that have a VMware IT infrastructure Avaya Aura VE provides an opportunity to upgrade to the next release level of collaboration using their own VMware infrastructure. For customers who need to add more capacity or application interfaces, Avaya Aura apps on VMware permit flexible solutions to expansion of Avaya Aura Communication Manager or Application Enablement Services. And for customers who want to migrate to the latest collaboration solutions such as the Avaya Flare® Experience or Avaya Aura Conferencing 7 but hesitated, Avaya Aura VE will provide a hardware efficient, simplified solution for upgrading to the latest Avaya Aura release and adding the latest Avaya Aura capabilities.

### More choices for adding UC - Flexible deployment

Avaya Aura is offered as an appliance, installed and tested by Avaya and with Avaya Aura Virtualized Environment now is also available as a vAppliance for VMware. Existing as well as new customers can choose their preferred deployment options. Both choices provide full Avaya Aura® features and collaboration solutions, intelligent options to accelerate any business.

\*VMware is a registered trademark of VMware, Inc.

## Avaya Aura applications for VMware

- Avaya Aura® Communication Manager
  - Avaya Aura® Session Manager
  - Avaya Aura® System Manager
  - Avaya Aura® Presence Services
  - Avaya Aura® Application Enablement Services
  - Avaya Aura® Agile Communication Environment (ACE)
  - Avaya Aura® Utility Services
  - WebLM
  - Secure Access Link
- (Future)
- Avaya Aura® Messaging
  - Avaya Aura® Conferencing
  - Avaya Client Enablement Services
  - Avaya Session Border Controller Advanced for Enterprise

## About Avaya

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, networking and related services to companies of all sizes around the world. For more information please visit [www.avaya.com](http://www.avaya.com).

## The flexibility of a virtualized environment with expanded management solutions

Avaya Aura® System Manager for VMware provides the same rich features and quality and is the same as the appliance version with all administration, management and installation interfaces necessary for Avaya Aura.

Any Avaya Aura application for VMware can be installed by downloading the Avaya Aura application OVA files (Avaya Aura app plus Linux OS) using the Product Licensing and Delivery System (PLDS). The VMware management system, vCenter, can be used to install the Avaya Aura vAppliances onto the VMware virtualized servers. Each OVA files contains:

- Application software and operating system
- Pre-installed VMware tools for deployment on VMware ESXi 5.0
- Preset configuration details for:
  - » RAM, CPU, and storage reservations
  - » NIC
  - » other resource settings

Avaya Aura Virtualized Environment is a flexible deployment option made available to offer Avaya Aura UC real time collaboration to any enterprise. Avaya will continue to offer the server based solution for Avaya Aura in addition to the VMware compatible vAppliance approach. And if needed with specific Avaya Aura installations, the two deployment options can be combined, mixing server applications and virtualized applications for a complete UC installation.

## Avaya Aura Virtualized Environment Use Cases

Avaya Aura supported by VMware offers several advantages to both existing Avaya customers and potential UC users. Costs for expanding UC collaboration can be reduced, more flexible options can be offered in terms of software, appliance or complete turn-key solutions and hosted alternatives are made more economical while still offering enterprise level features.

### Expansion and upgrade of existing Avaya Aura installations

- Reduced footprint expansion of Avaya Aura applications
- Cost effective upgrades for mobile and video collaboration features
- Core platforms migration to support latest Avaya Conferencing and Avaya Messaging solutions

### Virtualized turn-key solution for private and public hosted UC

- Complete solution with virtualized server supporting UC, storage and networking
- Simple deployment of UC for enterprise expansion, cloud based collaboration

### UCaaS for public hosting of full UC capabilities

- Cost effective model for providing Avaya Aura collaboration in hosted model
- Virtualization reduces hardware requirement, enhance reliability and redundancy options

## Learn More

For more information about Avaya Aura Virtualized Environment, contact your Avaya Account Manager or Avaya Authorized Partner. Or visit us on [avaya.com](http://www.avaya.com).



Avaya Aura® core applications take a major step forward in the deployment of real time collaboration with the integration of VMware virtualized server architecture.