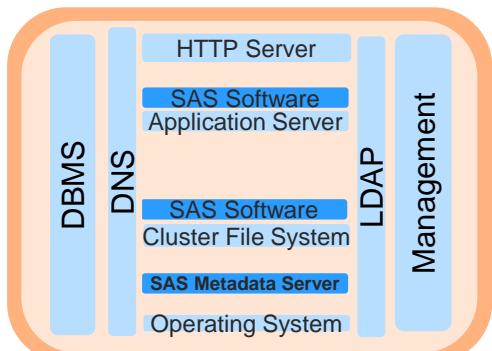


**ENABLE SAS VAPP TOPOLOGY AND PACKAGING**

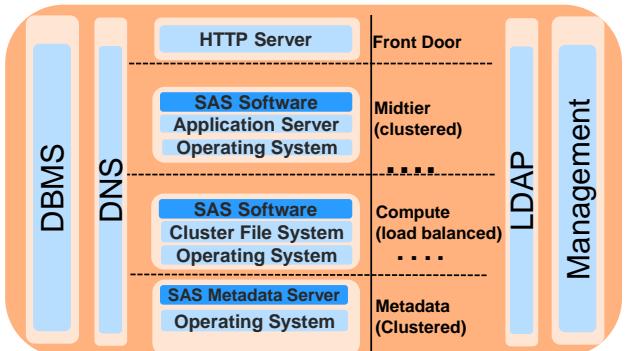
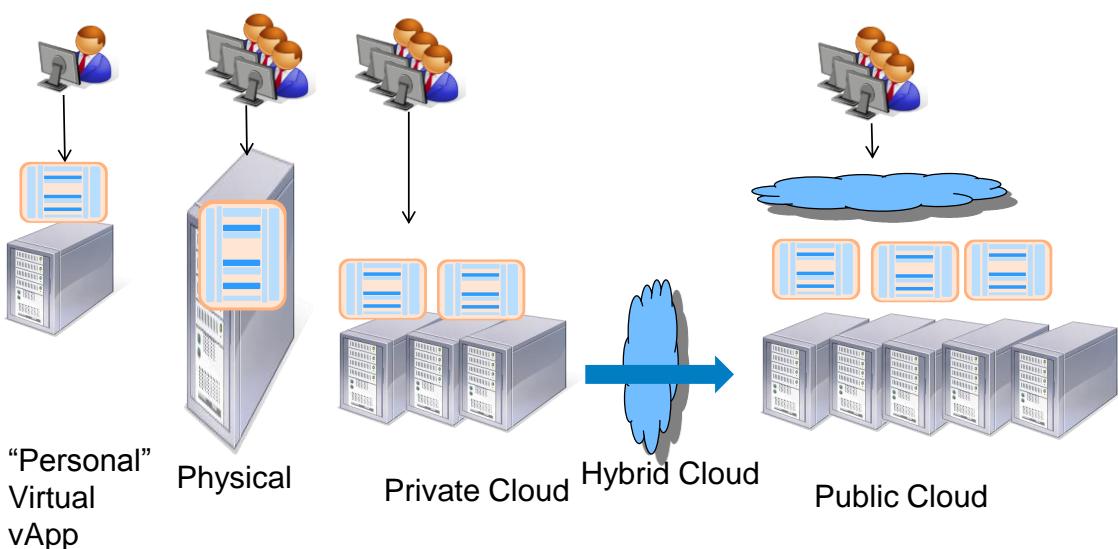
## Workgroup

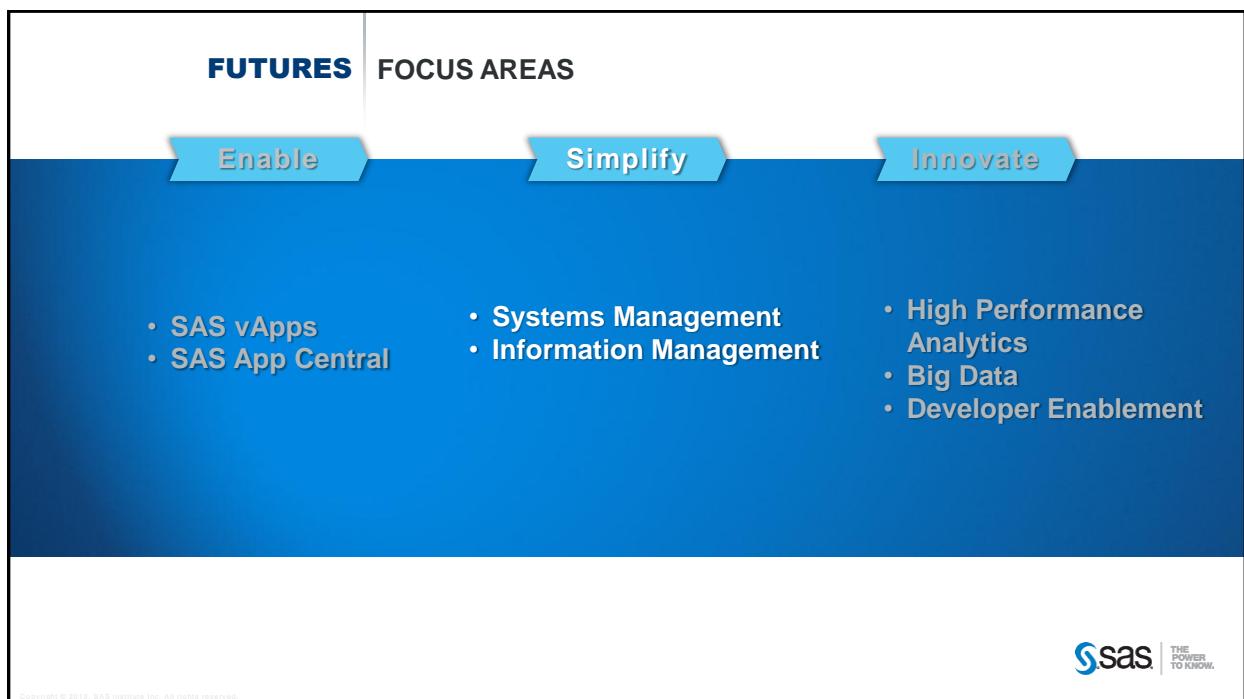
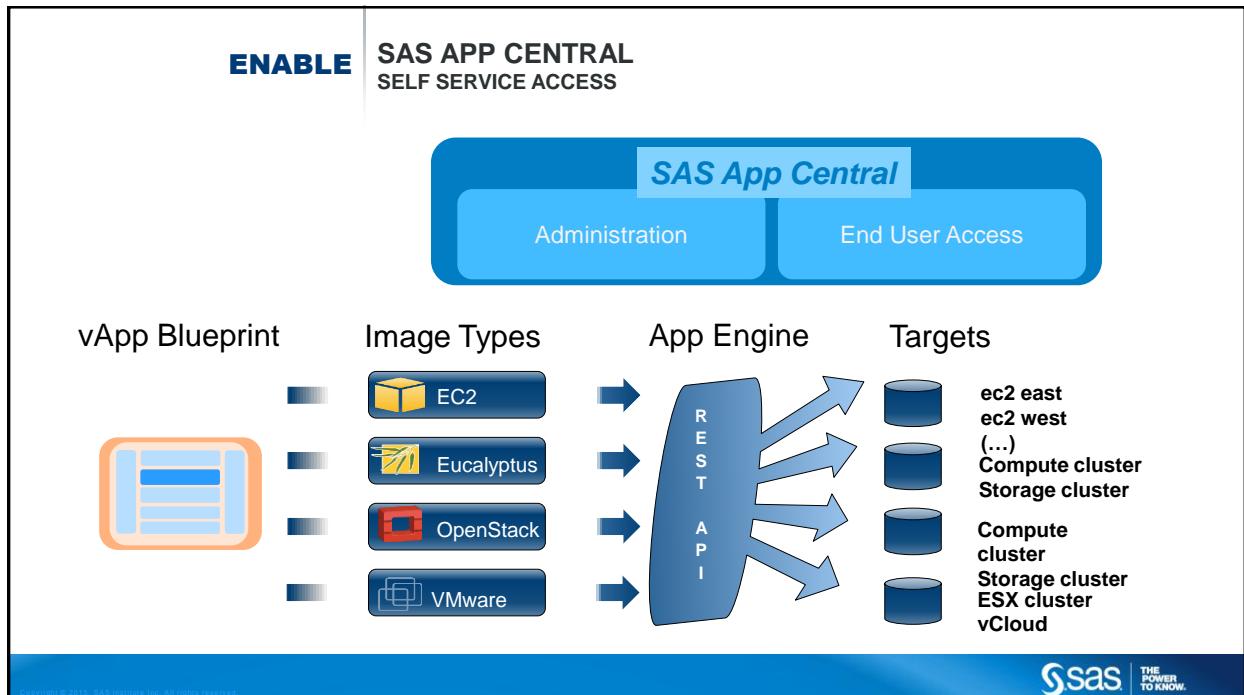
1 vApp=1-2 VMs

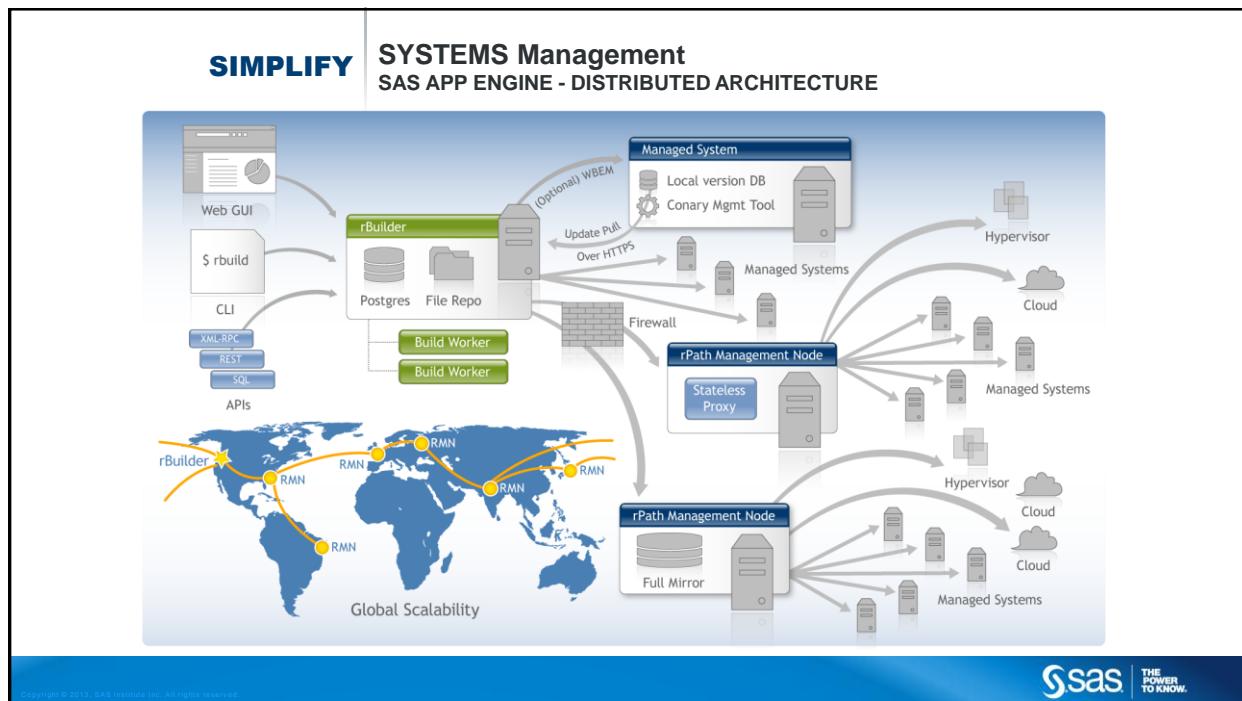


## Enterprise

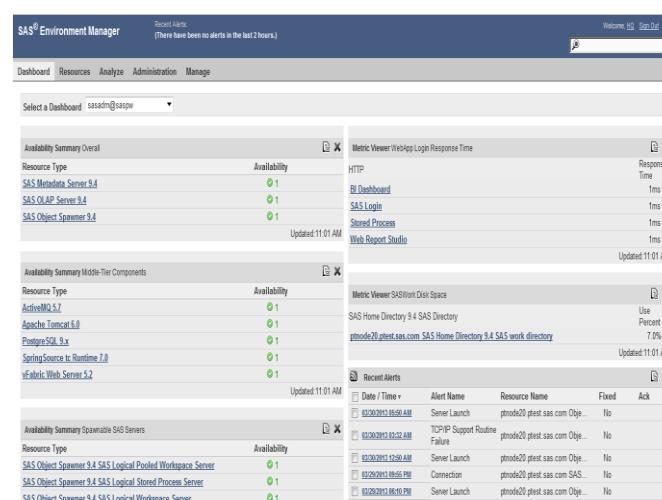
1 vApp=n VMs


**ENABLE SAS VAPP DEPLOYMENT OPTIONS**




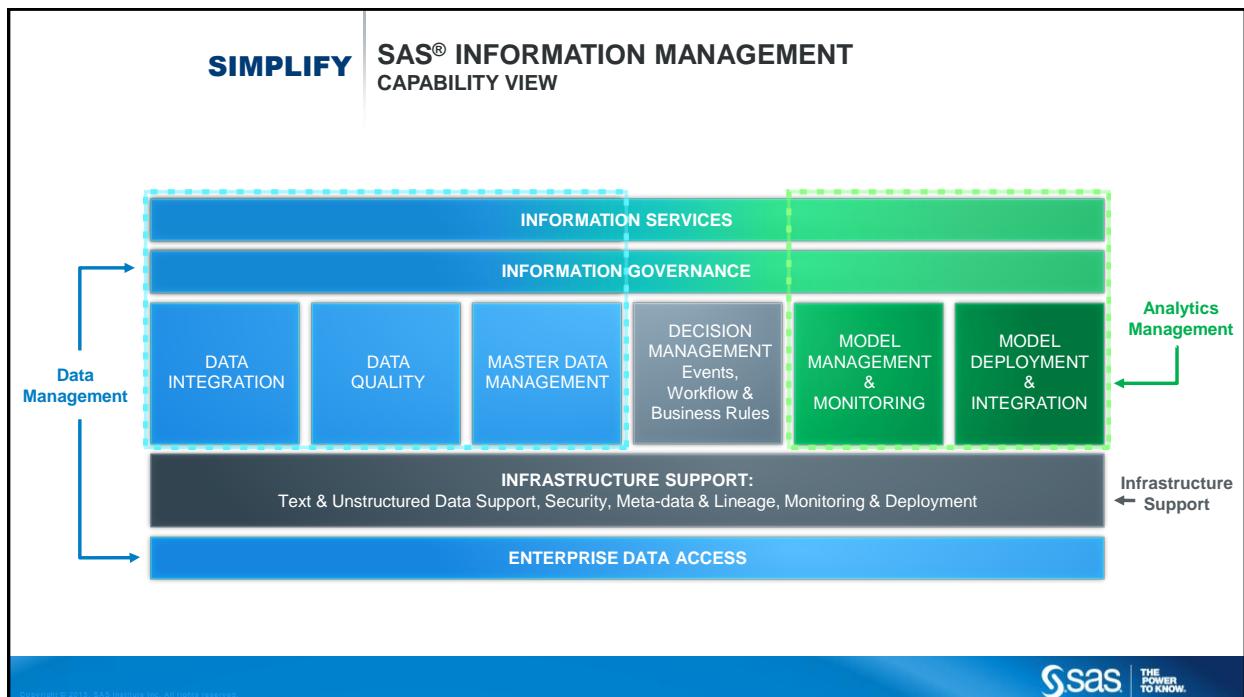
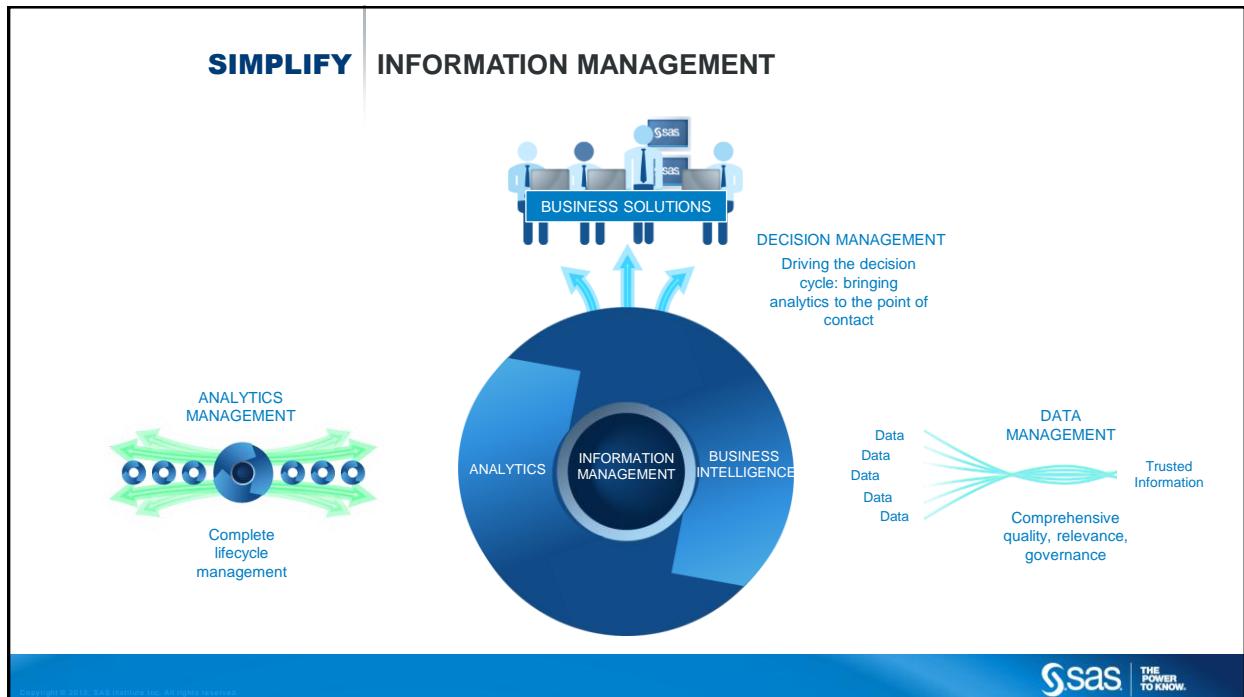


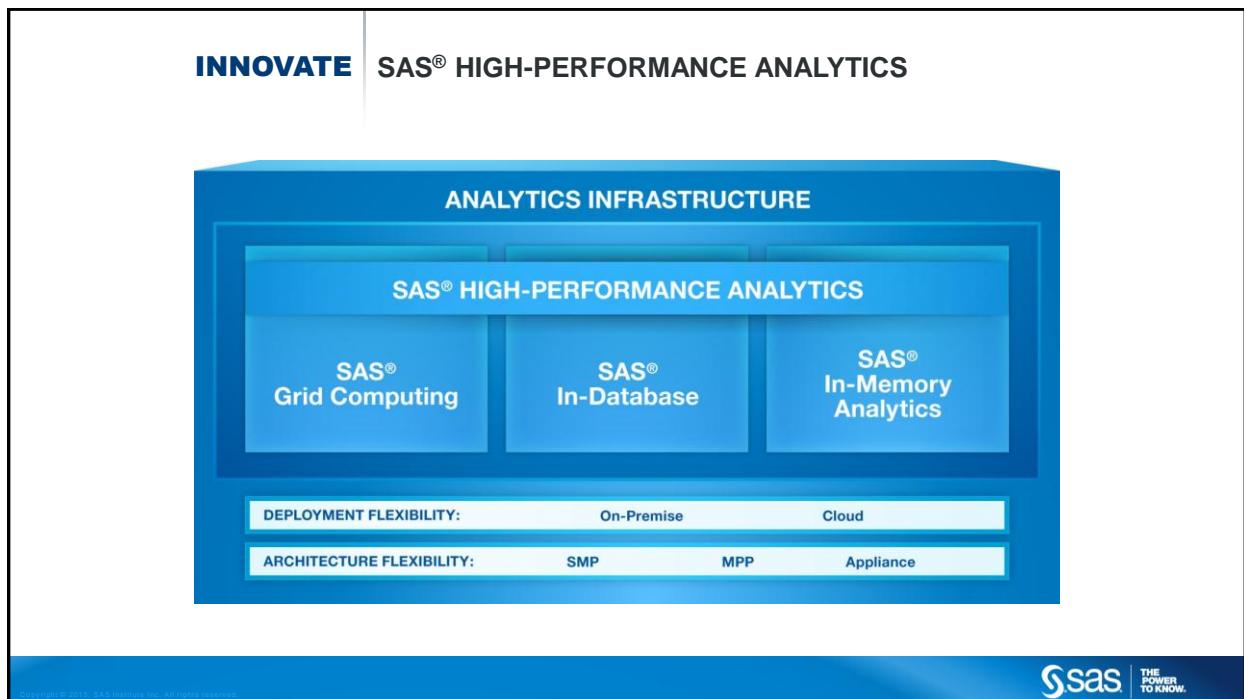
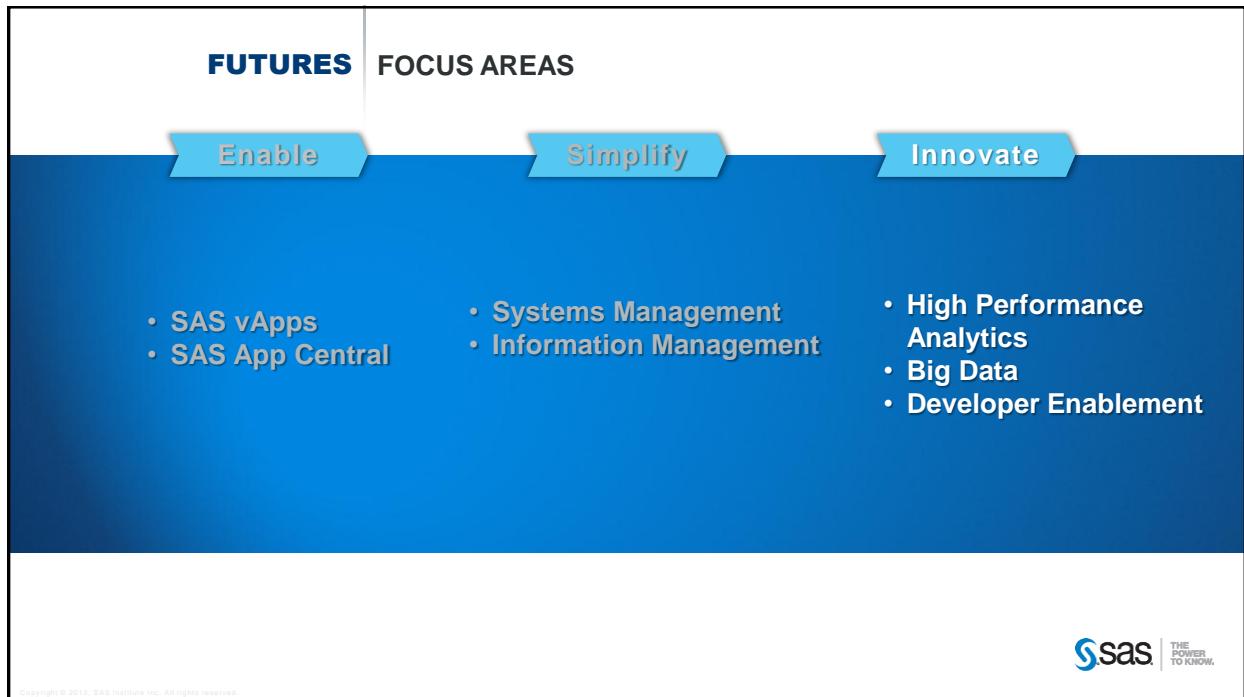
## SIMPLIFY SYSTEMS MANAGEMENT SAS ENVIRONMENT MANAGER

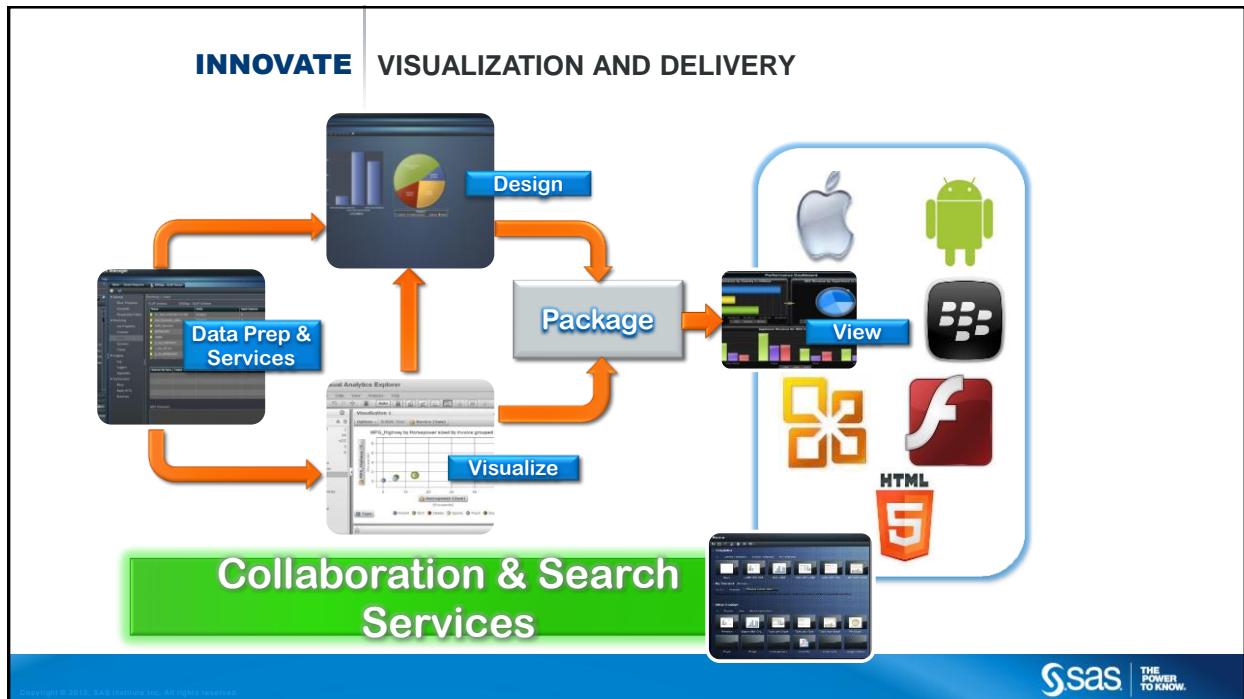


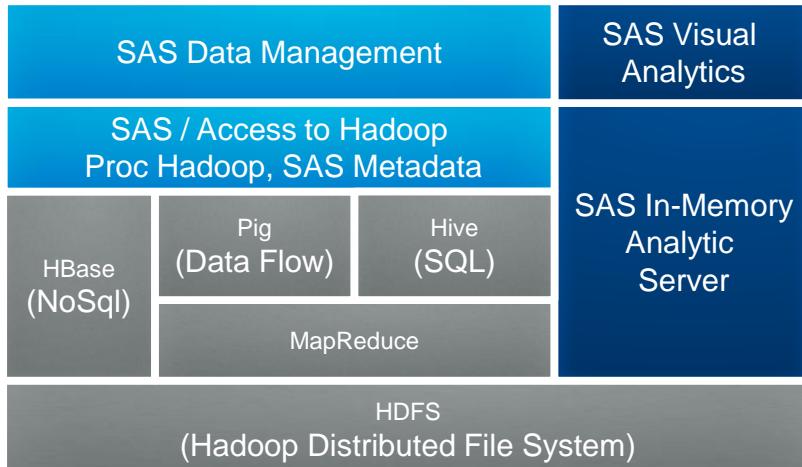
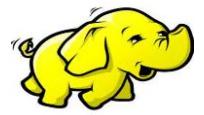
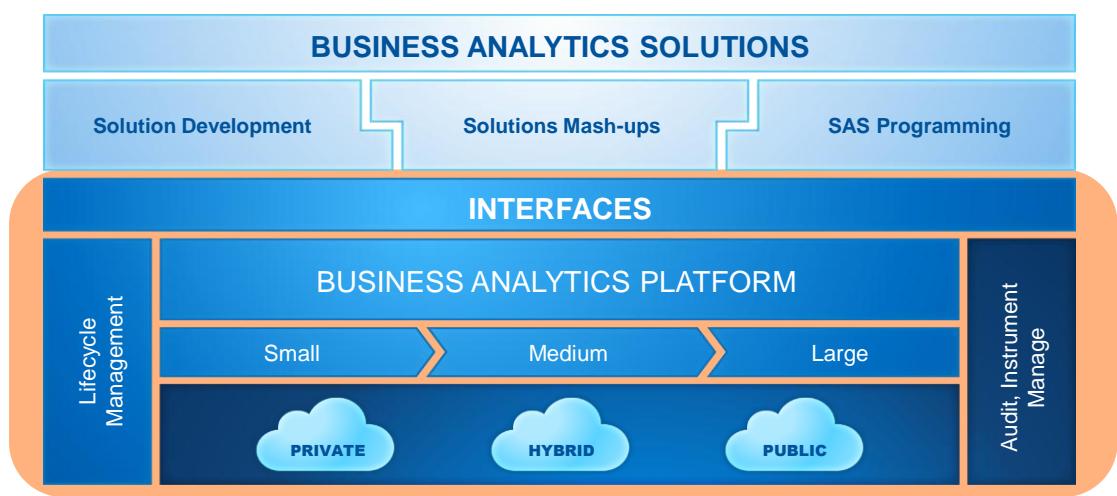
The screenshot shows the SAS Environment Manager dashboard with the following sections:

- Availability Summary Overall:** Shows resource types like SAS Metadata Server 9.4, SAS OLAP Server 9.4, and SAS Object Spinner 9.4, all marked as available (green).
- Metric Viewer WebApp Login Response Time:** Shows response times for various services, all near 1ms.
- Availability Summary Middle-Tier Components:** Shows components like ActiveMQ 5.7, Apache Tomcat 6.0, PostgreSQL 9.x, SpringSource tc Runtime 7.0, and vFabric Web Server 5.2, all available.
- Metric Viewer SAS Home Disk Space:** Shows disk usage for SAS Home Directory 9.4 SAS Directory, around 7.0% usage.
- Recent Alerts:** A table of recent alerts with columns for Date / Time, Alert Name, Resource Name, Fixed, and Ack.
- Availability Summary SAS Series:** Shows SAS Object Spinner 9.4 SAS Logical Pooled Workspace Server, SAS Object Spinner 9.4 SAS Logical Shared Process Server, and SAS Object Spinner 9.4 SAS Logical Workspace Server, all available.

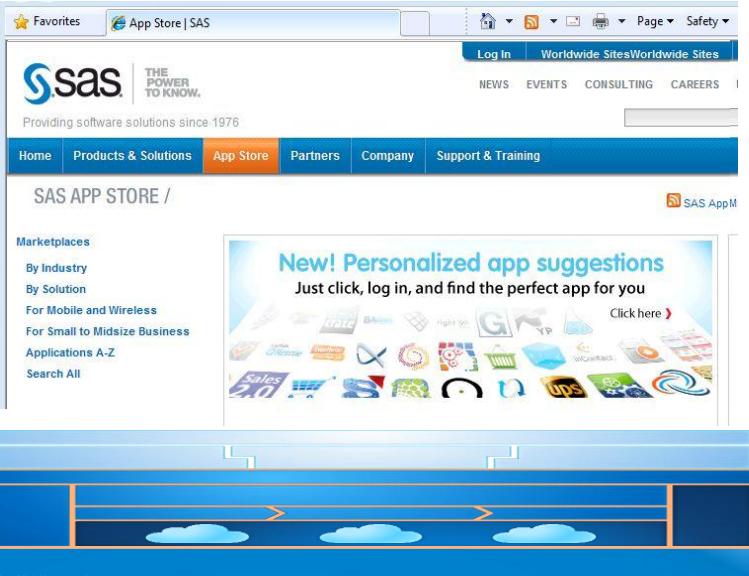




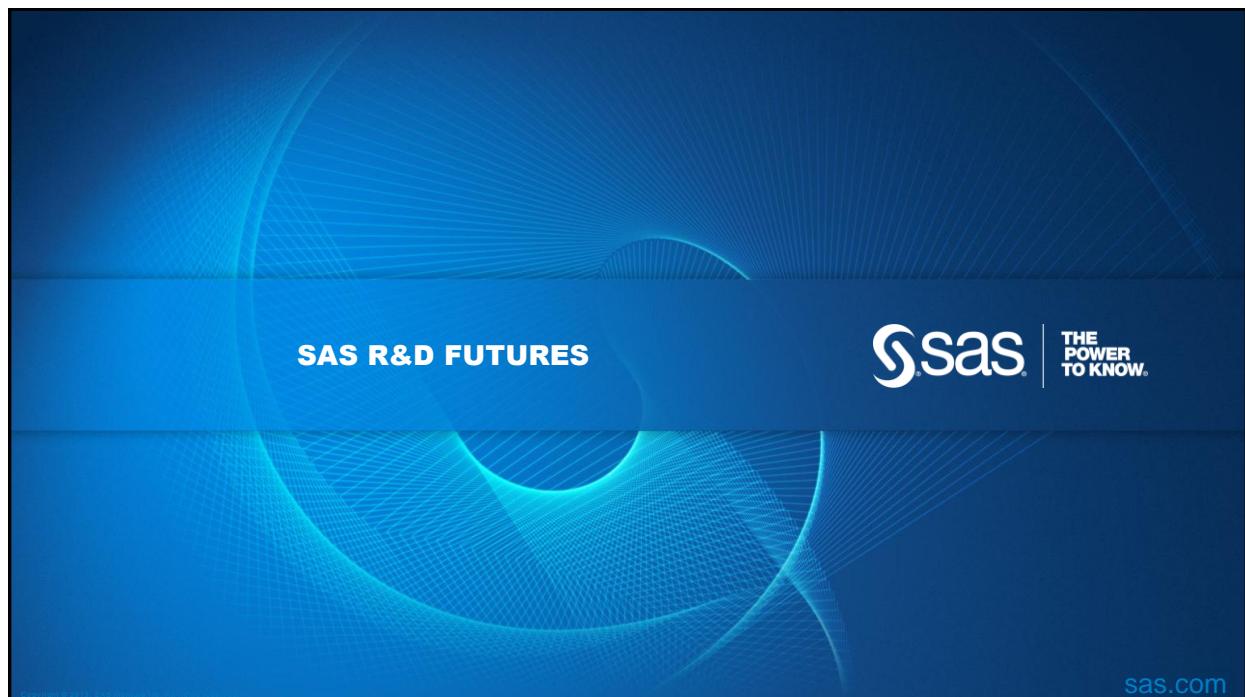


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**INNOVATE** DEVELOPER ENABLEMENT


**INNOVATE** ONLINE SHARING AND COLLABORATION



The screenshot shows the SAS App Store homepage. At the top, there's a navigation bar with links for Favorites, App Store | SAS, Log In, Worldwide Sites, NEWS, EVENTS, CONSULTING, CAREERS, and a search bar. Below the navigation is a menu with Home, Products & Solutions, App Store (which is highlighted in orange), Partners, Company, and Support & Training. The main content area is titled "SAS APP STORE /". On the left, there's a sidebar with "Marketplaces" and links for By Industry, By Solution, For Mobile and Wireless, For Small to Midsize Business, Applications A-Z, and Search All. The central part of the page features a banner with the text "New! Personalized app suggestions" and "Just click, log in, and find the perfect app for you" with a "Click here" button. Below the banner is a grid of various app icons. The bottom of the page has a decorative footer with clouds and a blue gradient background, along with the SAS logo and tagline.



**SAS R&D FUTURES**

**Sas** THE POWER TO KNOW.

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This slide features a dark blue background with abstract light blue wavy patterns. In the center, the text "SAS R&D FUTURES" is displayed in white. To the right, the SAS logo and tagline are shown. In the bottom right corner, the website "sas.com" is written in white. The overall design is modern and futuristic.