

Accelerate Delivery of Infrastructure as a Service

Solution Brief
November 2015

With Cisco ONE Foundation for Compute



Highlights

Accelerate Infrastructure and Service Deployment

- Cisco ONE™ Foundation for Compute delivers infrastructure as a service (IaaS) in a convenient, efficient suite.

Gain Organizational Flexibility

- Capture new opportunities faster by replacing manual processes with automation that provides infrastructure elasticity and agility.

Simplify with Common Management

- Use a common management platform across your data center, private and public cloud, and edge-scale environments. Cisco ONE Foundation for Compute integrates transparently with a wide range of existing traditional management tools and third-party hardware.

Mitigate Risk

- Help ensure that your best practices are implemented consistently, every time, through policy-based automation.

What if you could easily provide fast delivery of infrastructure to power all aspects of your business while reliably meeting your service-level agreements (SLAs)?

Current manual approaches to deployment of infrastructure prevent your business from meeting the expectations of your customers. And the increasing complexity of data center environments can make the deployment processes time consuming and error prone. The traditional manual provisioning processes need to be replaced with automation.

According to Forrester, the private cloud is the preferred method for reaching new markets more quickly, empowering employees, and staying ahead of the competition without sacrificing compliance, control, or employee satisfaction. Rather than using a fragmented approach to IT operations and administration, Cisco ONE™ Foundation for Compute offers a unified set of capabilities in a single management stack. These capabilities provide the foundation for the efficient delivery of infrastructure as a service (IaaS) and the move to the cloud.

Accelerate Your Move to the Cloud

Imagine easily supporting your line-of-business and project managers, on demand, to deliver IaaS precisely when it is needed. Cisco ONE Foundation for Compute helps you build and manage a multivendor unified computing infrastructure. This solution is suited for organizations that want to accelerate their journey to the cloud with a focus on automation of computing resources and virtual infrastructure. A self-service portal allows end users, IT professionals, and application developers to order the computing resources they require for their projects, on demand, with delivery in minutes. With this solution, you can deploy consistent infrastructure across computing, networking, and storage resources. You gain the benefits of

1. [Don't Fear the Cloud—Profit From It](#), Forrester, March 2015

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safe and secure use of hybrid-cloud resources, which you can manage from a single user interface. Reduce the time and expense associated with business innovation with the capability to expand operations quickly and securely, as needed, to the public cloud to meet short-term business needs.

This Cisco® solution delivers the tools required to move from manual complexity to hybrid-ready private cloud automation. It delivers flexibility and consistency across your IT infrastructure, allowing your IT staff to support more capacity quickly with existing staffing levels.

Cisco ONE Foundation for Compute

Cisco ONE Foundation for Compute offers comprehensive management for IaaS and efficient operations

management. It provides a unified method of managing infrastructure in the data center, private and public cloud, and edge computing environments. This software suite integrates transparently with the broad ecosystem of Cisco and third-party management tools to help ensure that IT organizations can preserve their existing investment in management applications and processes while transitioning to newer infrastructure, operation, and consumption models. It allows your organization to deliver automation across the data center at a pace that's comfortable to you (Figure 1).

Cisco ONE Foundation for Compute delivers:

- A suite of software that addresses typical use cases at attractive prices
- Investment protection for software purchases through license portability

- Access to ongoing innovation and new technology from Cisco
- Flexible licensing models to smoothly distribute your software spending over time

Simplify with Common Management

With the Cisco ONE Foundation for Compute suite of software, IT departments can deliver consistent infrastructure instances in minutes. Development teams, through a self-service portal, can quickly deploy the infrastructure needed to develop and test new applications, increasing time to value. Hybrid-cloud capabilities, using both private and public clouds, allow you to expand into the public cloud safely and securely using the same network security and access-control policies that are in force in your private cloud.

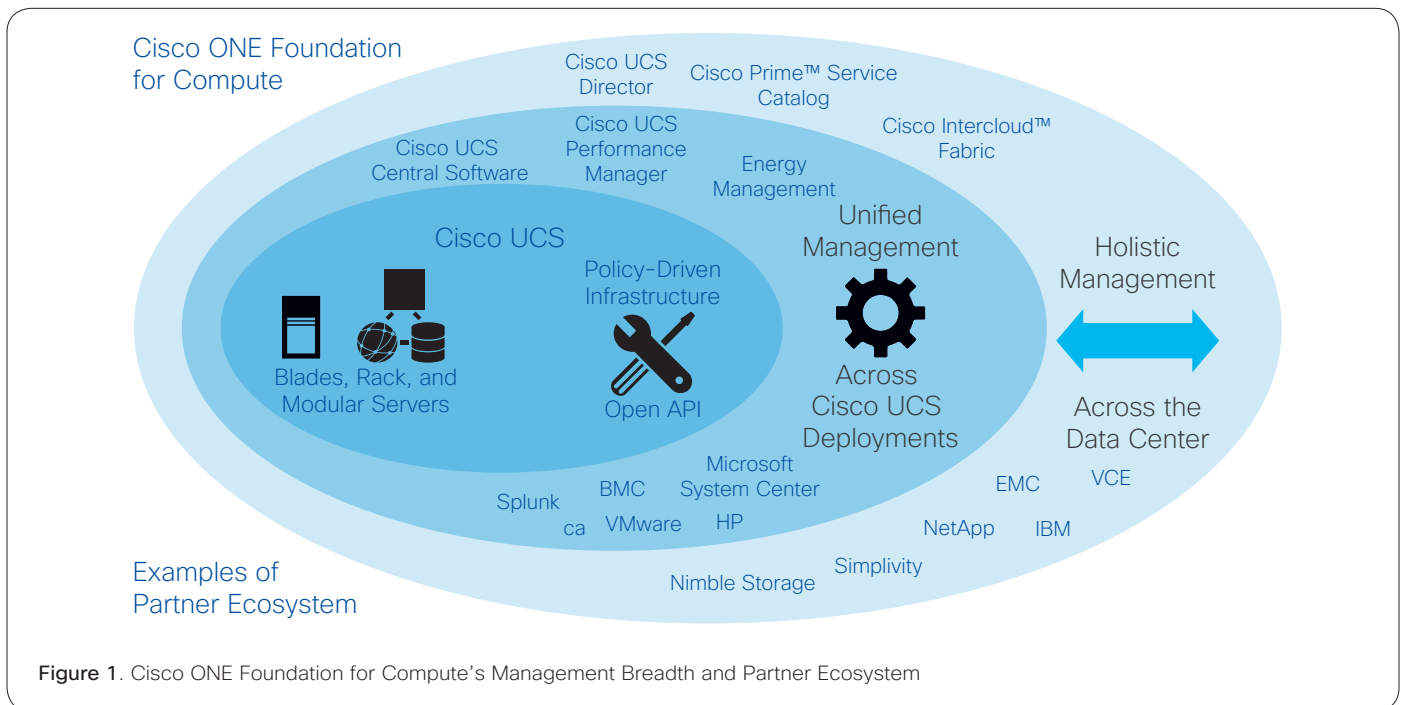


Figure 1. Cisco ONE Foundation for Compute's Management Breadth and Partner Ecosystem

Investment Protection

Fragmented management solutions often are inflexible, running only on specific platforms and supporting only a specific infrastructure. With Cisco ONE Foundation for Compute, when your infrastructure changes, the solution can move along with it. License portability enables you to continue to use automation and staff knowledge even as the underlying environment changes, providing you with service continuity and cost savings.

Access to Innovation from Cisco

Services from Cisco and our certified partners help you accelerate time to value for Cisco ONE Foundation for Compute. By pairing software and hardware support, the solution offers a set of benefits to help you reduce costs and access continuing innovations from Cisco. To help ensure coverage for your Cisco Foundation for Compute software, base platform operating system software, and hardware, Cisco SMARTnet™ Service and Cisco Smart Net Total Care (SNTC) provide 24-hour-a-day global support for the underlying hardware platforms on which the Cisco ONE Foundation for Compute software suite is deployed. Services include the award-winning Cisco SMARTnet technical support capabilities and smart services to reduce your operating expenses and free your IT staff to focus on business

innovation. SNTC provides installed-base and contract management, alerts management, and device diagnostics. Cisco Software Support Service (SWSS) offers ongoing support and maintenance of your software products. With a single SWSS contract, you get:

- Major software upgrades
- Minor software updates
- License portability entitlement to new Cisco ONE Software
- Access to ongoing innovation
- Access to online resources 24 hours a day, every day
- Access to the Cisco Technical Assistance Center (TAC) 24 hours a day, every day

Flexible Licensing Model

Are you seeking more options for buying software while improving flexibility, reducing risks, and cutting costs? Cisco and our partners provide a number of licensing models for you: for example, subscription-based licensing. Talk to your Cisco representative for more information about licensing options.

Provide Fast Delivery to Power Your Business

The Cisco ONE Foundation for Compute software suite delivers the speed and agility your business

needs to take advantage of new revenue opportunities and allow your business to thrive. It radically simplifies operations with common management and automation of all levels of your infrastructure and allows you to move toward cloud capabilities first with IaaS. Its portable and flexible licenses help ensure investment protection to reduce risk for your organization. And Cisco's award-winning support provides ongoing innovations for this important business foundation: your infrastructure.

For More Information

- For more information about Cisco ONE Foundation for Compute, visit <http://www.cisco.com/c/en/us/products/software/one-data-center/index.html>.
- For more information about Cisco Unified Computing System™ (Cisco UCS®) Director, visit <http://www.cisco.com/c/en/us/products/servers-unified-computing/ucs-director/index.html>.



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