

Increased Availability, Higher Utilization, Reduced Costs—Simplified Computing

Sun™ Capacity On Demand Program for Sun Fire™ Enterprise Servers



Key highlights

- Preconfigured, on-demand CPU/memory resources that can be activated and purchased in full at a later date
- Hot spare headroom feature allows up to eight COD processors to be activated at any time before a permanent RTU is purchased
- Flexibility to purchase COD RTU licenses only when and if the additional capacity is needed
- Self-monitoring of COD resources, which simplifies system management
- Single-processor increments allow computing requirements to be aligned, maximizing system utilization and minimizing costs
- All Sun enterprise and application software, including the Java™ Enterprise System, currently supported on Sun Fire V1280–E25K servers is supported
- Java Enterprise System is preloaded at the factory and available for immediate deployment

Today's computing environment requires IT managers to find new ways to do more with less. That means managing costs while meeting increasingly stringent service level agreements.

By providing instant access to additional hardware resources, Capacity On Demand 2.0 (COD 2.0) helps improve availability, increase utilization, and lower total cost of ownership (TCO) in your data center with Sun Fire™ E2900, E4900, E6900, E20K, and E25K servers.

Capacity On Demand 2.0

COD 2.0 allows you to configure new or existing systems with additional processor and memory capacity at lower acquisition costs. You can then activate those additional resources when your business demands them—with no disruption to operations—by purchasing COD Right to Use (RTU) licenses.

COD 2.0 provides a “pay-as-you-use” model, and is designed for organizations that need to scale quickly with extra capacity to meet future and continuous increases in demand.

Temporary Capacity On Demand

Temporary COD (T-COD) also provides you with access to additional system capacity and the ability to activate resources when needed. In this case, however, you may purchase temporary RTU licenses that are valid for one month and can deactivate those resources when they are no longer needed. Organizations that purchase T-COD RTU licenses for six consecutive months will receive a permanent RTU license. Like COD 2.0, T-COD is designed to minimize operations disruptions.

Currently available only on the Sun Fire E4900–E25K servers, T-COD provides a “pay-per-use” model, making it ideal for organizations that have periods of peak workload demand followed by periods of lower workload demands.

COD 2.0 and T-COD are designed to provide key business advantages such as improved availability, increased system utilization, and reduced hardware acquisition costs.

Increased Availability

COD 2.0 and T-COD improve server availability by allowing instant access to unlicensed resources with no disruption to operations. This “headroom” feature means that additional system resources can be dynamically reconfigured into your production environment—without the need to reboot your system.

With this headroom feature, you can instantly use up to four CPUs on the Sun Fire E2900, E4900, and E6900 servers and up to eight CPUs for the Sun Fire E20K and E25K servers. Once you have activated these spare CPUs, you have up to 30 days to purchase a permanent or temporary license.

Trade-in existing Sun and non-Sun servers and receive a significant discount towards the purchase of COD Right To Use (RTU) licenses through the Sun Upgrade Advantage Program (UAP). For more information, contact your Sun Sales Representative, or refer to sun.com/ibb/upgrades.

Furthermore, unlicensed COD CPUs can be used as “hot spares” for already licensed COD CPUs. If a licensed COD CPU should fail, you can instantly activate one of the unlicensed COD CPUs to take its place at no cost so long as the number of COD RTUs equals the number of active COD CPUs.

Planned downtime for servicing or upgrades is virtually eliminated, as adding COD or T-COD resources can be performed during production.

Higher Utilization

COD 2.0 permits you to activate additional resources in single CPU increments, which helps increase system utilization by better matching system usage with asset acquisition. This enables IT organizations to instantly scale to meet peak demands, without having to pay for the entire amount until the extra capacity is needed.

COD 2.0 also helps reduce additional third-party software charges that are applied to active CPUs. By utilizing only the specific number of CPU resources needed, you can minimize hardware and software acquisition and maintenance costs while maximizing system utilization for lower TCO.

Reduced Cost

COD 2.0 and T-COD enable organizations to purchase larger system configurations than are currently required at lower up-front costs, allowing them to be prepared for growth without having to pay in advance.

There is no premium price for COD 2.0 or T-COD options over standard options, and there is no time requirement to purchase RTU licenses. For data center environments with unpredictable growth or sudden increases in peak usage, COD 2.0 and T-COD provide a cost-effective method for adding reserve or growth capacity.

Simplified Computing

All Sun Fire E2900–E25K servers are “COD ready.” Because COD 2.0 and T-COD use the same hardware and software, you don’t have to choose between COD programs before installing resources into a system. You can have extra CPU resources installed and decide to activate those resources on a permanent or temporary basis at your convenience. In addition, you are not required to install remote system monitoring or generate system usage reports. The net result is a simple, flexible provisioning of hardware resources on demand.

For More Information

To find out more about COD 2.0, T-COD, and Sun Fire™ E2900–E25K servers, contact your Sun sales representative, Sun authorized reseller or, in the U.S., visit the SunSM store at sun.com/store.