

## **Installation: Sun Blade T63x0 Server Installation Service United Arab Emirates**

### **1 Scope**

This service provides Customer with installation and configuration of Customer's Sun Blade T63x0 CoolThreads server ("Covered System"), as more fully described below ("Service"). As part of the Service, Sun will assess Customer's site to determine the Covered System installation requirements, provide Customer with an Installation and Configuration Plan (as described in Section 2.2 below), install, configure and confirm the functionality of the Covered System, and provide other deliverables as described in Section 2. Sun will make commercially reasonable efforts to provide the Service.

### **2 Sun's Tasks and Deliverables**

#### **2.1 Site Audit**

Based upon Sun's Site Planning Guide for the Covered System, which contains installation recommendations and requirements for the Covered System, Sun and Customer will conduct an audit via telephone (or at Customer's site if Sun so elects in its sole discretion) to:

- Determine installation needs for the Covered System, including such assessments as:
  - whether there is sufficient space in for the Covered System in the appropriate chassis for the Covered System ("System Chassis");
  - if the Covered System is being installed at a later date than the System Chassis into which the Covered System will be installed, determine whether an update of firmware is required for the hardware which monitors and controls the System Chassis ("Chassis Monitoring Module" or "CMM") (**See Note 1, below**);
  - the environmental conditions at Customer's site including temperature, humidity, cleanliness; and
  - such other assessments as are determined to be necessary in Sun's sole discretion.

Sun will document the results of the Site Audit ("Site Audit Report") and provide Customer with a copy of the Site Audit Report as set forth in Section 2.4, below.

**Note 1:** In the event CMM firmware updates are required in Sun's sole discretion, Customer must obtain all such updates separately prior to Sun providing the Services described in Sections 2.2 through 2.7. All such updates are specifically excluded from this Service.

#### **2.2 Installation Configuration Planning**

Sun and Customer will determine and mutually agree upon the hardware and software installation and configuration requirements of the Covered System as set forth below, which Sun will document in the Installation and Configuration Plan.

- Plan the configuration of the Service Processor which monitors and controls the Covered System ("Service Processor").
- Plan the installation and configuration of the Solaris Operating System ("Solaris OS") on the Covered System. As part of this planning process Sun and Customer will:
  - Determine the layout of the disk onto which Solaris OS will be installed ("Boot Disk").
  - Install Solaris OS onto the Boot Disk.
  - At Customer's option, configure Solaris OS as a Network Information Service ("NIS") client or

a Domain Name System ("DNS") client to provide methods for communicating names of servers on the network.

- At Customer's option, mirror the Boot Disk via software or hardware to provide for real-time copying of the Boot Disk data to additional Boot Disks in the Covered System.
- At Customer's option, install the Logical Domains Manager Software ("LDoms Software") onto the Covered System. Specifically excluded from this Service is the creation or installation of Logical Domains ("LDoms"), Sun's server hardware virtualization and partitioning technology for CoolThreads servers.
- Determine the appropriate selection of patches to suit Customer's specific needs ("Patch Baseline") from Sun's Enterprise Installation Services ("EIS") DVD ("EIS-DVD").
- During this phase Customer will provide Sun in writing with any Customer-specific requirements for the installation and configuration of the Covered System. Sun will document any Customer-specific requirements as approved by Sun in its sole discretion into the Installation and Configuration Plan.

**Note 2:** Except as set forth herein, configuration of external and internal storage and creation of Solaris Containers (which isolate software applications and services using flexible, software-defined boundaries) are expressly excluded from this Service.

### **2.3 Installation Task Planning**

Sun will plan the necessary installation tasks and will provide Customer with a schedule of anticipated dates for the delivery of the Covered System and the commencement of the Service ("Service Schedule").

### **2.4 Installation Specification Document**

Prior to the commencement of the Service, Sun will provide Customer with an Installation Specification Document which will include the Site Audit Report, the Installation and Configuration Plan, and the Service Schedule. Customer must acknowledge its consent to the Installation and Configuration Plan and the Service Schedule in writing prior to the commencement of the Service.

### **2.5 Installation and Configuration of Sun Hardware and Software**

Sun will install the Covered System according to the Installation and Configuration Plan and as set forth below:

- Review the packing list.
- Unpack the Covered System and insert into a Sun Blade Modular System Chassis.
- Power up the Covered System.
- Configure the Service Processor and update firmware from the EIS-DVD as Sun deems appropriate in its sole discretion.
- As specified in the Installation and Configuration Plan:
  - Update the internal/Boot Disk firmware as Sun in its sole discretion deems appropriate.
  - Layout the Boot Disk and install Solaris OS.
  - Apply patches as provided in the EIS-DVD.
  - Provide all other tasks as specified in the Installation and Configuration Plan for the Covered System.

## 2.6 Installation Assessment

Sun will assess the installation and configuration of the Covered System as follows:

- Run Sun's Explorer Data Collector software on the Covered System and evaluate the results at Customer's site with Sun software tools from the EIS-DVD.
- Run other tests on the Covered System that Sun in its sole discretion deems necessary to determine that the Covered System is installed and configured according to the Installation and Configuration Plan.

## 2.7 System Turnover

After Sun has installed and configured the Covered System according to the Installation and Configuration Plan, Sun will conduct a Service review with the Customer for up to one half hour to provide a summary of the Services provided by Sun on the Covered System. Sun will also provide Customer with Covered System reference documentation including installation configuration information ("System Turnover").

- Upon providing Customer with the System Turnover, Customer will confirm Sun's completion of the Service in writing; however, Customer's failure to confirm Sun's completion of the Service shall have no bearing on Customer's acceptance of the Service.

## 3 Customer Responsibilities

- **Site and Systems Access.** Upon Sun's request, Customer will provide Sun with access to Customer's facilities, systems, and operating environment, including root access as necessary for Sun to provide the Service.
- **Point of Contact.** Customer will supply to Sun the name and telephone number of an employee to act as Customer's designated point of contact who will be responsible for supplying Sun with all necessary information, access and approvals related to the Service.
- **Configuration Details.** Customer will supply Sun with any configuration information necessary for Sun to provide the Installation and Configuration Plan. This includes without limitation, information about system naming, Solaris installation, network connectivity and configuration, Boot Disk layout and possible mirroring.
- **Backup.** Customer is responsible for frequently backing up its data. Sun does not back up Customer data and accepts no responsibility for data that may be corrupted or lost.
- **Hardware and Software.** Any Sun hardware, firmware or software (or updates thereto) required by Customer for the Service must be obtained separately and is subject to separate licensing terms and conditions, including without limitation payment of applicable fees. No license to use any Sun hardware or software is granted under this Service.

## 4 Additional Provisions

- **Additional Fee Services.** This Service includes only the tasks and deliverables described herein. Customer may purchase additional configuration and implementation services from Sun. Such additional services would be subject to a separate service listing or statement of work and payment of additional fees.
- **Hours of Service.** Unless otherwise expressly agreed upon between Customer and Sun, the Service

will be provided during Sun's local business hours, excluding Saturdays, Sundays, and public holidays.

- **Additional Charges.** This Service may not be available or may include additional charges depending upon Customer proximity to a Sun location or in the event that Sun determines that additional on-site visits are required. Customer may contact a Sun sales representative for more details regarding availability.
- **Right to Reduce or Discontinue Support.** It may become necessary as part of Sun's product lifecycle of no more licensed software products to reduce support levels or discontinue support according to Sun's End Of Service Life Policy and, therefore, Sun reserves the right to reduce or discontinue support for certain software products or versions during the course of the Service Schedule. Sun's End Of Service Life Policy is posted at: [www.sun.com/service/eosl](http://www.sun.com/service/eosl).

This Service is subject to your existing services agreement with Sun that governs the delivery of Services. If you do not have a services agreement with Sun that would govern the delivery of Services, then Sun's delivery of Services shall be subject to the terms located at [www.sun.com/sales/salesterms](http://www.sun.com/sales/salesterms). This Service Listing or SOW does not constitute an offer by Sun. The Services described above are subject to availability and unless otherwise stated, are only available within the above-referenced country. Any reference to "Customer" in this Service Listing or SOW refers to the party entitled to receive the Services.

Last Revised: March 2009