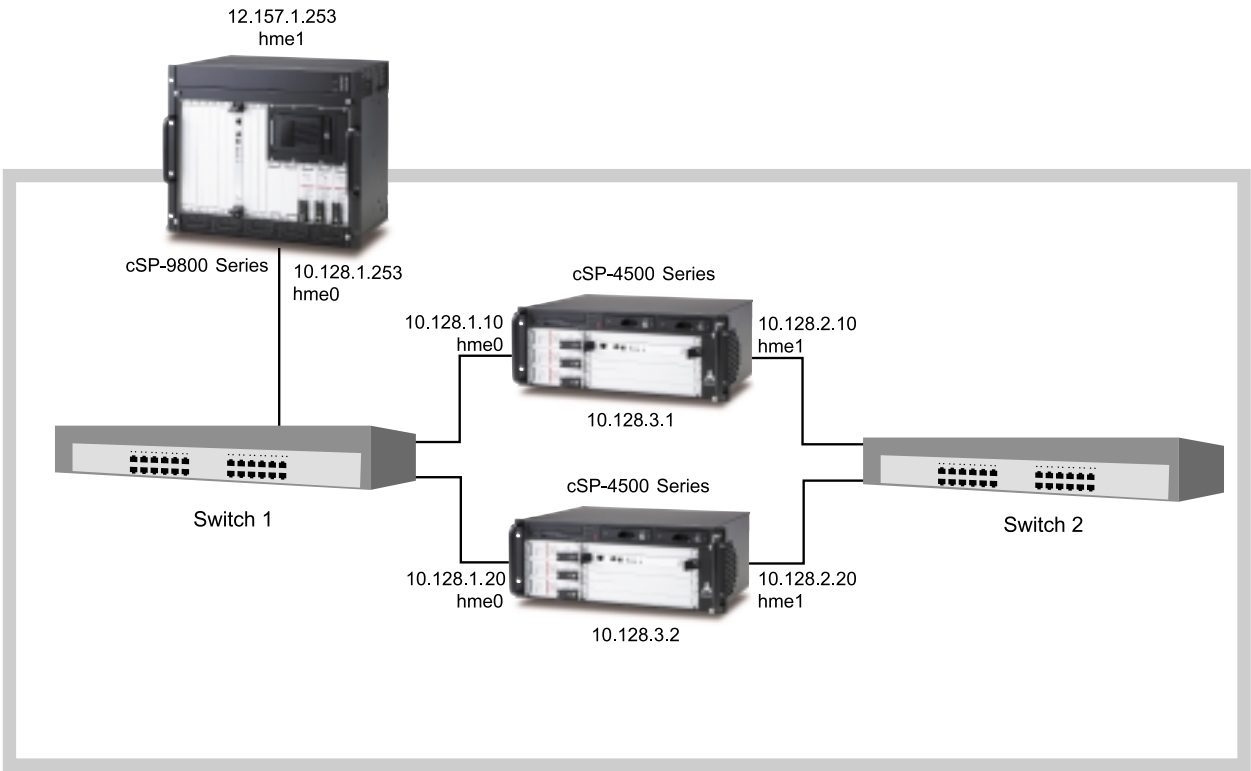
cSP-0201

Netra High Availability Suite 2.0

Sun Netra High Availability Software for
ADLINK UltraSPARC™ Solaris Carrier Grade CompactPCI Platform



Product Overview

The Netra High Availability (HA) Suite 2.0 software is a suite of high availability services that is designed to provide the foundation for next-generation network services to end users who require always-on, connection-based services that are free from interruption.

The Netra HA Suite 2.0 is an off-the-shelf suite of HA software services that enables deployment of UltraSPARC Solaris™ applications in a continuous-service availability environment. The services are modular, scalable, and can be integrated into existing high availability infrastructures and frameworks. ADLINK cSP-0201 Netra HA Suite 2.0 is your best choice to implement High Availability (HA) service with best of bread solution and service.

UltraSPARC Solaris CompactPCI HA Solution

ADLINK TECHNOLOGY INC.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Highlights

The Netra HA Suite 2.0 contains two groups of services:

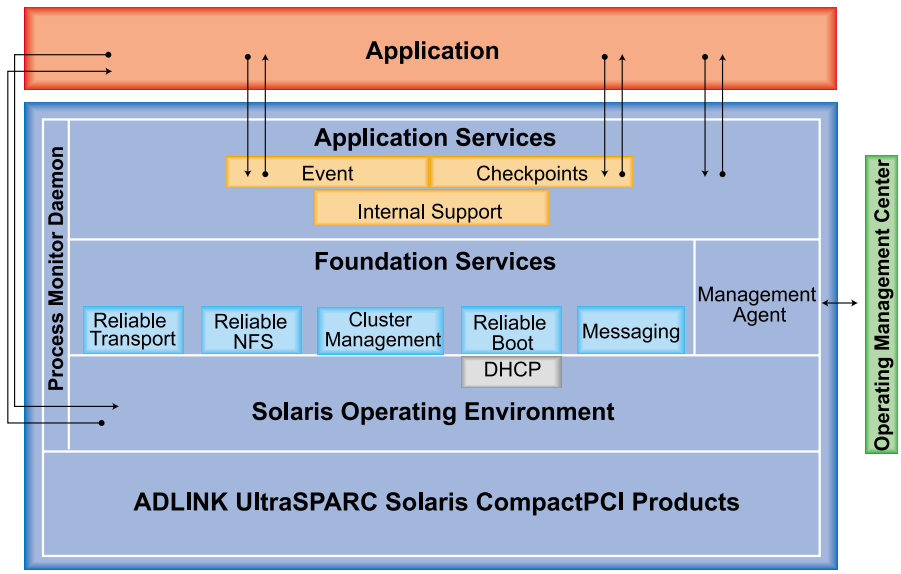
Foundation Services that provide a platform to deploy high availability applications

- Reliable NFS to provide reliable file storage.
- Reliable Boot Service to maintain the DHCP service in the event of a master node failover or switchover.
- Reliable Transport Service, provided by the Carrier Grade Transport Protocol (CGTP), to ensure that there is no single point of failure for the communication between nodes, by means of dual Ethernet links and redundant switches.
- Cluster Management to manage the cluster node's roles, qualification level, attributes and availability.
- Management Agent (MA) to gather statistics on the Reliable NFS, Reliable Transport Service, and Cluster Management, and export them to applications.

Application Services that provide a run-time environment and APIs for continuous availability

- Events provided by the Cluster Event Service (CES) API allow event exchange between processes.
- Checkpoints provided by the Cluster Replicated Checkpoint Service (CRCS) API allow process data replication

The Architecture of Netra HA Suite 2.0



Target Applications

- High Availability Mission Critical Applications
- Telecommunication, Network High Availability Controller
- Softswitch
- VoIP Gateways
- Radio Network Controllers (RNC/3G)
- MSC/BSC
- Home/Visitor Location Registers (HLR/VLR)

Ordering Information

Model Number	Description
cSP-0201	Sun Netra™ HA Suite 2.0 software (Note: An order of Netra™ HA Suite 2.0 software must be accompanied by an order for more than 2 sets of UltraSPARC Solaris CompactPCI products.)

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