

Slide 1: What is Sun Cluster?

Hi, my name is Keith White. I'm Director of Availability Engineering and, specifically, the Sun Cluster and Sun Cluster Geographic Edition products. I'd like to talk to you today about why you would want clustering and, specifically, Sun Cluster.

Slide 2: Why Clustering?

So, as you know, the most important thing for any business is keeping the services up and running at all times and that is what clustering technology is about. And, specifically, Sun Cluster is there to take you through planned outages and unplanned disasters so that your services are always there and available as the company depends on them.

Slide 3: Sun Cluster Overview

An overview of Sun Cluster: So this is an industrial strength high availability software platform. We run mission critical applications, anything that's explicitly critical to your business. We integrate the largest portfolio of third party applications and Sun's applications in this platform, including open source applications. Our platform is open and flexible. You can write products to it; so, if you are an ISV, you can write your application so there's an agent, which is configured to take care of the availability of the application. We have business continuity solutions, which is the Sun Cluster Geographic Edition product. It allows you to tolerate disasters and span distances such as a metropolitan area, across the country, or across the world.

Slide 4: Failures Happen

So, failures happen in technology, as I'm sure most of us have experienced at some time throughout our working time with computer software or hardware. Failures happen in the network, in the server, in the software, in interconnects, and in disks. Sun Cluster and Sun Cluster Geographic Edition protect you against these types of failures in any one of these instances and we do redundancy that allows things to survive and continue on with minimized interruptions in all cases.

Slide 5: Sun Cluster HA Platform

The Sun Cluster HA platform, as I said, tolerates any of these failures; but, by exploiting, specifically, redundancies in hardware and software and the algorithms used to detect these. So we monitor the health of not only the server, the interconnect, the storage, and the paths to the storage, but also the application. And by monitoring, I don't mean just saying that the process or checking that the process is alive, but actually testing the process to make sure it's functioning appropriately. When it is detected that there is some kind of failure -- and that could be anything in that class of failures that we've talked about already -- Sun Cluster then takes action to make sure that the service is running somewhere else inside your network of computers that are clustered together. Full redundancy is the motto that we've always been working towards to make sure that this happens as seamlessly as possible.

Slide 6: Why Sun Cluster?

So, why Sun Cluster? In particular, we support over 50 applications which everybody relies on. You have the ability to add - if you're an ISV -- you have the ability to add any application that you are using or developing. With one click you get a data service ready to go. We also support Solaris SPARC and x64; not just SPARC. So x64 is a big emphasis. We've had this for a couple of years now. We need to get that word out. So thanks for understanding why Sun Cluster is important to your business and Sun is important to you.