

# IBM Software Demos

## IBM SOA Healthcheck Infrastructure

### IBM\_SOA\_Healthcheck\_Infrastructure\_D\_Oct08

#### Chapter 1

Well, I have definitely felt better. I need to get back into top condition, so I am here at the Doctor's office. We all know that taking care of a problem early can save you a lot of dangerous and costly trouble down the line.

It's the same with Service Oriented Architecture, or SOA. It's vital to check the health of your SOA's Infrastructure. By fixing any SOA health problems now, you can avoid expensive and troublesome SOA Rescue Missions down the road.

#### Chapter 2

For the sake of this demo, I will play the part of an SOA Implementation. I've come to the doctor's office today because I have a specific problem with my SOA Service Management.

That's why I am here in the Specialized Diagnostics room, focusing on Infrastructure. If I didn't know what was wrong, I would come in for an SOA Healthcheck Workshop. This type of workshop will help you determine what type of problems exist in your SOA implementation, and how to treat them. That's right down the hall.

In the area of SOA Infrastructure, there are a few key Specialized Diagnostic and Treatment areas focused on by an SOA Healthcheck.

#### Chapter 3

The first is Infrastructure Flexibility. An unhealthy SOA implementation might be having performance issues with demand peaks, or in tuning the system. Or perhaps new issues continue to arise every time changes are made to your systems. The SOA Healthcheck can ensure that your SOA implementation is meeting those demand spikes, and is configured to smoothly handle changes.

Under the area of Middleware, an unhealthy SOA implementation might have issues with scalability, or be plagued with inconsistent communications. If your middleware is being asked to guarantee connectivity without being sure that connectivity is possible, then the SOA Healthcheck can help. It can make sure that you have the correct middleware technology to meet all your enterprise-wide business requirements, and put you on the right path.

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The last area to focus on is Service Management. In an unhealthy SOA implementation, System Performance may not be managed smoothly or efficiently – or perhaps changes are being deployed without knowing the impacts on the system. Infrastructure may not be resilient, and it may not maintain the high availability your business demands.

The SOA Healthcheck can ensure that you have the control and visibility required to manage your services.

#### Chapter 4

A healthy SOA implementation maintains its quality of service, platform flexibility, and ensures workload and resource optimization through virtualization. It keeps communications running smoothly, and ensures connectivity of processes to resources, while keeping the connected services and resources resilient. A healthy SOA implementation also manages the quality of service, and enables effective change management across linked services.

And an SOA Healthcheck is the path to that type of healthy SOA implementation.

Now, you'll have to excuse me, the doctor's here. Would you wait outside for me?  
Thanks.

#### Chapter 5

Well, that was easy! My SOA Healthcheck Doctor treated my service management problem, and gave me this fitness plan to keep me healthy from now on. This SOA Healthcheck can be a true lifesaver for your SOA implementation, too. Fixing a small problem now is a lot easier and cheaper than fixing a big problem later on.

So, isn't it time you checked the health of your Service Oriented Architecture? A healthy and well-maintained SOA implementation gives you the foundation to move forward with confidence. Find that confidence with an SOA Healthcheck from IBM. Whether you want to find any problems in your SOA implementation with an SOA Healthcheck Workshop, or you want to focus on a problem you've already discovered with an SOA Healthcheck Specialized Diagnostic, IBM has the solution for you. Now you'll have to excuse me – I'm feeling great and ready to get back to work.

You've seen the demo, now click the link to learn more.