

Data sheet

ZEN TRACE & SOLVE

DYNAMIC GROUP TRACE

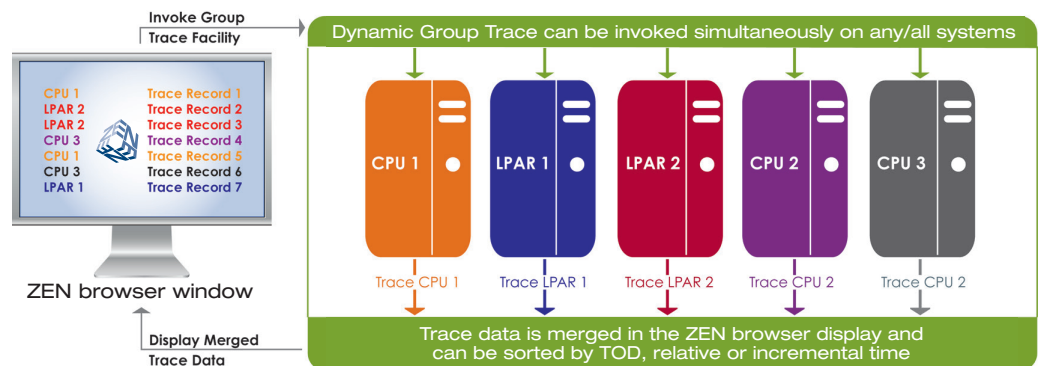


The ZTS Dynamic Group Trace facility has major advantages for any z/OS site running multiple LPARS and/or multiple z-Series processors. Tracing the root cause of application or network-related problems in a complex environment could involve the taking and examination of multiple traces. For example, you may need to trace a single client IP address which has many connections to several systems. The difficulty is compounded if an IP client connects to a service running on multiple systems using dynamic VIPA, because it is impossible to be sure with which system the connection will be made.

*Providing
unique insight
for complex
problem
determination*

In such environments, usually the only option available for problem diagnosis is to initiate traces on each individual system. This is difficult enough. Once taken, all the individual trace records need to be sorted into chronological order before being interpreted to try and diagnose the cause of the problem. Assuming the technician has the knowledge and experience to carry out this task, it is still a time consuming, and therefore costly process.

The ZTS-EXIGENCE v4.1 Group Trace facility overcame these limitations by allowing the user to simultaneously trigger traces on any instance of EXIGENCE running on z/OS. The PC client merged the resultant trace data and displayed it as a single trace on the client, sorting trace records by timestamp.



The new ZTS v5.1 Dynamic Group Trace facility improves significantly upon the original Group Trace in a number of ways:

- It is no longer necessary to pre-define the hosts on which a group trace is to be captured. Group traces can be defined 'on-the-fly'.
- Simplified trace definition allows you to define a single trace on any connected ZTS system, or a group trace on any combination or all IP stacks, on any or all connected ZTS systems.
- You can even build a group trace from a set of traces that were not originally captured as part of a group trace!

The new Dynamic Group Trace capability, combined with the ability to synchronize group trace entries by normal, relative or incremental time, give you a huge advantage when analyzing trace data that spans multiple systems in different time zones.



AT A GLANCE

The William Data Systems ZEN suite of network management solutions provides a comprehensive insight into z/OS network operations by offering targeted solutions, adapted to meet your unique business needs.

The suite consists of ZEN, a central interface which enables users to integrate and operate tools easily, and a selection of targeted solutions that provide IT performance management, network optimization, monitoring, tracing, reporting and security. ZEN solutions are critical to maintaining business continuity and service levels of z/OS networks.

ZEN

Optimize mainframe network management. Integrate and operate your tools seamlessly through one innovative interface, customized to your unique business needs.

ZEN AUTOMATION

Automate all your network and operations tasks and build your own ZEN applications by exploiting the power and flexibility of the ZEN with Rexx. Replace incumbent products at a fraction of the cost.

ZEN IP MONITOR - ZIM

Identify network issues instantly to minimize down time. Focus your recovery efforts easily with intelligent reporting and absolute real-time monitoring.

ZEN OSA MONITOR - ZOM

Optimize the operation of your IBM Open Systems Adapters (OSA) to provide maximum network resilience. Includes OSAENTA tracing support.

ZEN EE MONITOR - ZEM

Extend your network and optimize your resources. Implement Enterprise Extender (EE) with ease and improve APPN/HPR network operations and performance with this powerful and user-friendly monitoring solution.

ZEN LINUX MONITOR - ZLM

Monitor the performance and availability of all your Linux systems from ZEN, whether running under VM, natively in an IFL or on Intel™ servers.

ZEN EE SECURITY - ZES

Provide your clients with the utmost security. Confidently and efficiently fill the security gaps existing on the networks linking your business partners' legacy applications to yours.

ZEN FTP CONTROL - ZFC

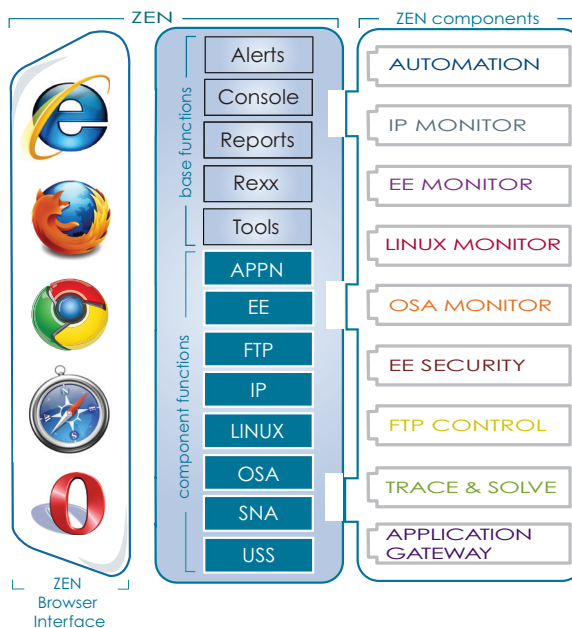
Keep your corporate and client data secure. Monitor and audit all FTP file transfers in real time with this efficient tool which ensures compliance with statutory, regulatory requirements.

ZEN TRACE & SOLVE - ZTS

Minimize network outage and get back to business quicker. Promptly diagnose network and application issues – small and large – as they arise with this thorough yet simple tool.

ZEN APPLICATION GATEWAY - ZAG

A beautifully simple way of testing and implementing IPv6 under z/OS. ZAG allows you to connect any IPv6 or IPv4 client to any IPv4 or IPv6 application over any IPv4 or IPv6 network, without making additional application, network or hardware changes.



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