Performance Endpoints

Web-Based Endpoint

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About This Guide

This brief guide provides practical information about the free Performance Endpoint software NetIQ Corporation provides in association with its Network Testing and Monitoring products, and covers one specific endpoint platform. Information about installing and configuring all the endpoint platforms, including HP-UX, IBM AIX, IBM MVS, Linux, Microsoft Windows 95, Windows 98, Windows CE, Windows Me, Windows NT, Windows 2000, and Windows XP, Novell NetWare, Sun Solaris, Compaq Tru64 UNIX, FreeBSD UNIX, IBM OS/2, Linux IA-64, Microsoft Windows 3.1, Windows XP (64-bit), SCO UnixWare, SGI IRIX, and Spirent TeraMetrics, is available in the HTML-formatted *Performance Endpoints* Guide in your product's Help system, or you can download other individual endpoint guides in .PDF format from the World Wide Web at http://www.netiq.com/support/pe/pe.asp.

Intended Audience

This book provides information about Performance Endpoint software for users of NetIQ Chariot, Assessor for VoIP, and Qcheck.

NetIQ Products

NetIQ Corporation provides integrated products that simplify and unify systems management, security, and network performance management in your extended enterprise. These products also help organizations prepare for and migrate to Windows 2000 and Windows .NET. NetIQ Corporation offers the following solutions:

Performance and Availability Management

These products allow you to manage, analyze, and report on the health, performance, and availability of your mission-critical Windows and UNIX applications and servers. With these products, you can pinpoint network problems and resolve them quickly and effectively.

Security Management and Administration

These products provide real-time Windows security event consolidation, configuration management, host-based intrusion detection, centralized assessment and incident management, vulnerability assessment and prevention, firewall log analysis and reporting, and Windows security administration. With these products, you can also manage group policy, administration workflows, and permissions on vital assets throughout your enterprise.

VoIP Management and Network Testing

These products enable you to evaluate your network for Voice over IP (VoIP) traffic before deployment, as well as manage and troubleshoot VoIP during and after deployment. With these products, you can also test application or hardware performance and predict the impact of network changes, such as adding users or new applications.

Web Analytics and Management

These products deliver important insight into every element of Web site visitor activity, as well as improved Web site performance and availability. These solutions enhance your e-business performance, resulting in higher returns on infrastructure and marketing investments and improved visitor-to-customer conversion rates.

Windows and Exchange Management

These products enable you to manage all Windows and Exchange essentials, from ensuring optimal availability and performance to seamless migration, secure administration, and in-depth analysis.

Contacting NetIQ Corporation

Please contact us with your questions and comments. We look forward to hearing from you. For support around the world, please contact your local partner. For a complete list of our partners, please see our Web site. If you cannot contact your partner, contact our Technical Support team.

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Web-Based Performance Endpoint

NetIQ Performance Endpoints are lightweight software agents that allow for testing and monitoring of computers and computer networks. Endpoints are available for more than 20 operating systems and are continually updated to support new features in NetIQ Chariot, Vivinet Assessor, and Qcheck.

Unlike the endpoints for all of the other supported platforms, the Web-Based Performance Endpoint was not designed to be installed on a computer. Users of the Web-Based endpoint can either run it from the World Wide Web or save it to a local hard disk, but as soon as they restart, or log out of, the computer where it is running, the endpoint stops running.

The Web-Based endpoint runs on the following operating systems:

- Windows 98
- Windows Me
- Windows NT 4.0
- Windows 2000
- Windows XP (32-bit version only)
- Windows Server 2003.

While endpoints for other operating systems still run as long as the computer where they're installed is powered on, the Web-Based endpoint stops running as soon as the user logs out or restarts. Nothing has been written to the Windows Registry on the computer where it ran.

The Web-Based endpoint supports most Chariot, Vivinet Assessor, and Qcheck functions. A few features are not supported. The following table summarizes the Chariot and Qcheck features that are not supported:

Function	Comment
APPC protocol	
SPX, IPX protocols	
`Endpoint.ini` file	Default settings cannot be changed.
Application script datatypes (other than `ZEROES` or `NOCOMPRESS`)	Chariot scripts that use a `send_datatype` parameter will fail.
Traceroute testing	

Running the Web-Based Endpoint

To run the Web-Based endpoint on your local computer, use the Web browser on that computer to navigate to www.netiq.com/download/endpoints. Click the link labeled **Web-Based Endpoint**.

Unless you are using a utility like RealDownload to download files from the Web, you are then asked if you want to run the software from its present location or save it to disk. Click to select one of these options.

Run from Location:

If the download is successful, you'll see a message stating that the endpoint has been started. Click **OK** to close the message.

There's nothing else you need to do. The endpoint is ready for testing with Chariot or Qcheck and VoIP Readiness Assessments with Vivinet Assessor.

Save to Disk:

If you want to save it to disk, save it to the folder where you save your temporary files, such as `Temp`.

Navigate to the folder where you've saved the endpoint. Double-click the file `endpoint.exe` to start the endpoint. You'll see a message stating that the endpoint has been started. Click **OK** to close the message.

After you start the endpoint, there's nothing else you need to do. The endpoint is ready for testing with Chariot or Qcheck and VoIP Readiness Assessments with Vivinet Assessor.

Note
When you save the endpoint to a local hard disk, it makes no difference where you save it. When you restart the computer, a copy of the executable `endpoint.exe` will still be on your hard drive, but it will no longer run until you restart it. Restart the executable by double-clicking it in the Windows Explorer.

Error Handling

Unlike endpoints for other operating systems, the Web-Based endpoint doesn't log errors it encounters. However, it does report errors to the Chariot, Qcheck, or Vivinet Assessor Console.

In the case of a connection failure or other failure during testing, the endpoint vanishes silently. The Console will notify you that it can no longer reach the endpoint. You should return to the Web and reenable the endpoint in the case of such a failure.

Compatibility with Other Endpoints

The Web-Based endpoint cannot run on a computer where another endpoint is already running. For example, you cannot run the Web-Based endpoint on a computer where you have the endpoint for Windows NT/2000/XP installed and running. When you attempt to download it, you'll receive an error message.

Correspondingly, if the Web-Based endpoint is running on a computer, you can install one of the conventional endpoints on that computer, but the conventional endpoint will not start running automatically once the installation completes. If the Web-Based endpoint executable is running, you must therefore either stop it before installing another endpoint, or else restart the computer after you complete the installation. The new endpoint will then start running automatically (and the Web-Based endpoint will no longer be present).

Stopping the Web-Based Endpoint

The Web-Based endpoint stops automatically as soon as you restart your computer or log out. However, you can also stop the endpoint manually.

To stop the Web-Based endpoint:

1. Click **Ctrl+Alt+Delete** to access the Windows Task Manager.
2. Click the **Processes** tab. In Windows 98 and Windows Me, you'll already see the list of processes.
3. Highlight the process `endpoint.exe`. Click **End Process** to stop the endpoint and remove it from your computer.