

# NETWORK INSIGHT FOR F5® BIG-IP®

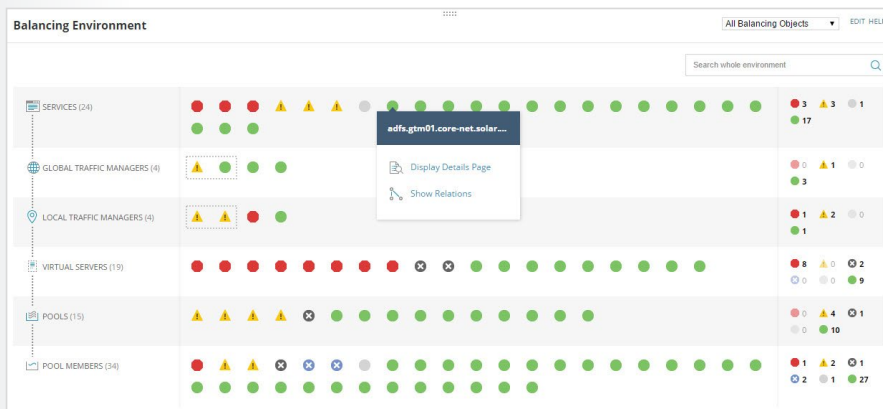
Ensuring applications and services are fast, secure, and available is a key responsibility of every network engineer and F5's BIG-IP family of products offers the application intelligence to do just that. But, how do you monitor the health, performance, and availability of your application delivery controllers?

Traditional monitoring techniques require you to login to individual components one-by-one to try to build a picture of how your application is delivered. What you really need is a comprehensive view across all of your infrastructure with a full view of the application or service and how they are impacted by the various components within the delivery chain all in a single console.

- Monitor the health and performance of all components of application delivery including WideIPs, virtual servers, pool members and more
- Understand the relationships and dependencies between component systems
- Identify the components that are contributing to slowness, service outages, or conversely, which services may be affected by an infrastructure problem.

## NETWORK INSIGHT FOR F5® BIG-IP®

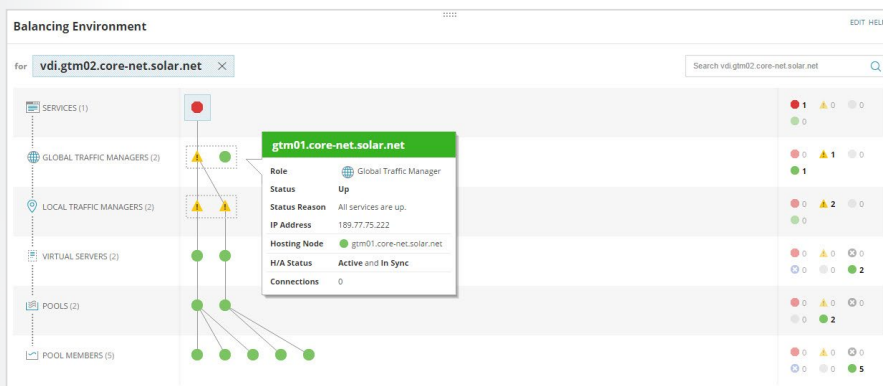
SolarWinds® Network Performance Monitor's Network Insight provides comprehensive monitoring of F5 BIG-IP DNS (formerly BIG-IP Global Traffic Manager™) and F5 BIG-IP Local Traffic Manager™ to give you the insight you need to keep your most important services running smoothly.



## VISUALIZE YOUR ENTIRE BALANCING ENVIRONMENT

With Network Insight you can visualize your entire application delivery environment and get an instant status of a service or device.

Simply click on one of the status indicators to dig into additional details about that component or show relationships.



## GRAPHICALLY DISPLAY RELATIONSHIPS AND COMPONENT STATUS

Easily view the relationships from the service through the traffic managers, virtual servers, pools, and pool members along with detailed status of each component.

The screenshot displays the SolarWinds Network Performance Monitor interface for a Local Traffic Manager (LTM) hosted on `lrm01.core-net.solar.net`. The interface is divided into several sections:

- LTM Summary:** Shows a high-level overview with 4 DOWN, 2 WARNING, and 1 DOWN status indicators. It also lists 3 VIRTUAL SERVERS, 5 POOLS, and 15 POOL MEMBERS.
- Local Traffic Manager Details:** Provides specific information for the LTM, including its status (Warning), reason (One or more virtual servers are not up), polling IP address (92.190.30.80), and high availability status (Standby).
- Balancing Environment:** A visual diagram showing the relationship between SERVICES (12), GLOBAL TRAFFIC MANAGERS (2), LOCAL TRAFFIC MANAGERS (2), VIRTUAL SERVERS (7), POOLS (5), and POOL MEMBERS (15).
- Virtual Servers:** A table listing virtual servers with their ports, default pools, balancing algorithms, and connection counts.

VIRTUAL SERVER	PORT	DEFAULT POOL	BALANCING ALGORITHM	CONNECTIONS
swes_webmail_virtual	:24037	spkk_pool	Round Robin	107.624329
cvfw_printer_virtual	:246	rbgg_pool	Round Robin	49.3022461
37ye_portal_virtual	:9630	yggr_pool	Round Robin	120.557144
hpk_webmail_virtual	:27605	vlkc_pool	Round Robin	31.8377975
fcxw_portal_virtual	:27672	mpes_pool	Round Robin	169.706131

## VIEW COMPONENT DETAILS IN A SINGLE PAGE

No more logging in to several appliances to obtain the component details you need to troubleshoot. Network Insight provides everything you need in a single console.

For F5 BIG-IP Global Traffic Managers you get a summary of supported services and F5 BIG-IP Local Traffic Managers, high availability status, DNS resolution by service, and the supported sites and services.

For F5 BIG-IP Local Traffic Managers you will see a summary of virtual servers, pools, and pool members; virtual server details that include concurrent connections by virtual server, port, default pool, balancing algorithm, and connections.

## ABOUT SOLARWINDS NETWORK PERFORMANCE MONITOR

SolarWinds Network Performance Monitor (NPM) is affordable, easy-to-use network monitoring software that helps network managers reduce outages, improve performance, and ensure health and availability.

- Multi-vendor fault, performance, and availability monitoring with customizable, intelligent alerting
- Dynamic L2 & L3 network mapping
- Automated capacity forecasting, alerting, and reporting
- Application-aware monitoring with continuous packet capture and analysis
- Consultant- and services-free deployment has you up and running in as little as an hour

To learn more about Network Performance Monitor and download a free 30-Day trial, visit [solarwinds.com](http://solarwinds.com).