

Gaia Portal Walkthrough:

The Gaia Portal is an advanced, web-based interface for Gaia platform configuration. You can do almost all system configuration tasks through this Web-based interface. System settings such as IP addresses, ARP, Time, Messages, Routing, NTP, DNS, DHCP, SNMP, backups, system updates, etc. These parameters are configured through the WebUI. Simply connect with a web browser to: <https://<IP Address of Gaia Management Interface>>.

Gaia Portal Support Browser Microsoft Edge, Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, and Apple Safari. Gaia Portal has Powerful Search Engine Which Makes it easy to find features or functionality to configure. The Portal has two operating modes, simplified mode, which shows only basic configuration options and Advanced mode, which shows all configuration options. You can easily change these modes. Also, you can access Clientless to Gaia Clish directly from your web browser as well.

The screenshot displays the Gaia Portal web interface. At the top, the browser address bar shows a URL starting with <https://192.168.114.50/>, which is highlighted with a red box. Below the browser, the interface has a dark blue header with 'Open Server GW-SMS' on the left and a search bar on the right. A yellow arrow points to the 'Toolbar' area. The main content area is divided into three sections: a left sidebar, a central 'System Overview' panel, and a right 'Blades' panel. The left sidebar, labeled 'Navigation Tree' with a blue arrow, contains a 'View mode' dropdown set to 'Advanced' and a list of configuration categories: Overview, Network Management, and System Management. The central 'System Overview' panel, titled 'Check Point Security Gateway | R80.40', displays system information: Kernel (3.10.0-957.21.3cpvx86_64), Edition (64-bit), Build Number (294), System Uptime (4 minutes), and Software Updates (no new recommended updates detected). A red arrow points to this panel with the text 'Overview page with widgets that show system information'. Below the information is a small image of a security gateway device. The right 'Blades' panel, titled 'Manage Software Blades using SmartConsole', lists various security features: Firewall, IPSec VPN, IPS, Application Control, URL Filtering, Anti-Virus, and Anti-Bot. A blue arrow points to the 'Navigation Tree' label.

Configuration Lock:

Only one user can have Read/Write access to Gaia configuration settings at a time. All other users can log in with Read-Only access to see configuration settings, as specified by their assigned roles. When you log in and no other user has Read/Write access, you get an exclusive configuration lock with Read/Write access. If a different user already has the configuration lock, you have the option to override their lock. If you Override the lock. The other user stays logged in with Read-Only access. Do not override the lock. You cannot modify the settings. Click the Configuration lock above the toolbar. The pencil icon (Read/Write enabled) replaces the lock. Only users with Read/Write access privileges can override a configuration lock.



Toolbar:

You can use these toolbar icons to do these tasks. Opens the Console accessory for CLI commands. Available in the Read/Write mode only. Opens the Scratch Pad accessory for writing notes or for quick copy and paste operations. Available in the Read/Write mode only.



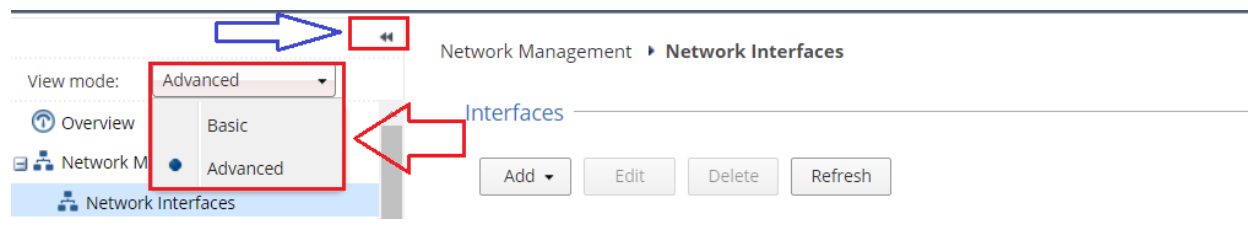
Search Tool:

You can use the search bar to find an applicable configuration page by entering a keyword. The keyword can be a feature, a configuration parameter or a word that is related to configuration page. The search shows a list of pages related to the entered keyword. To go to a page, click a link in the list.



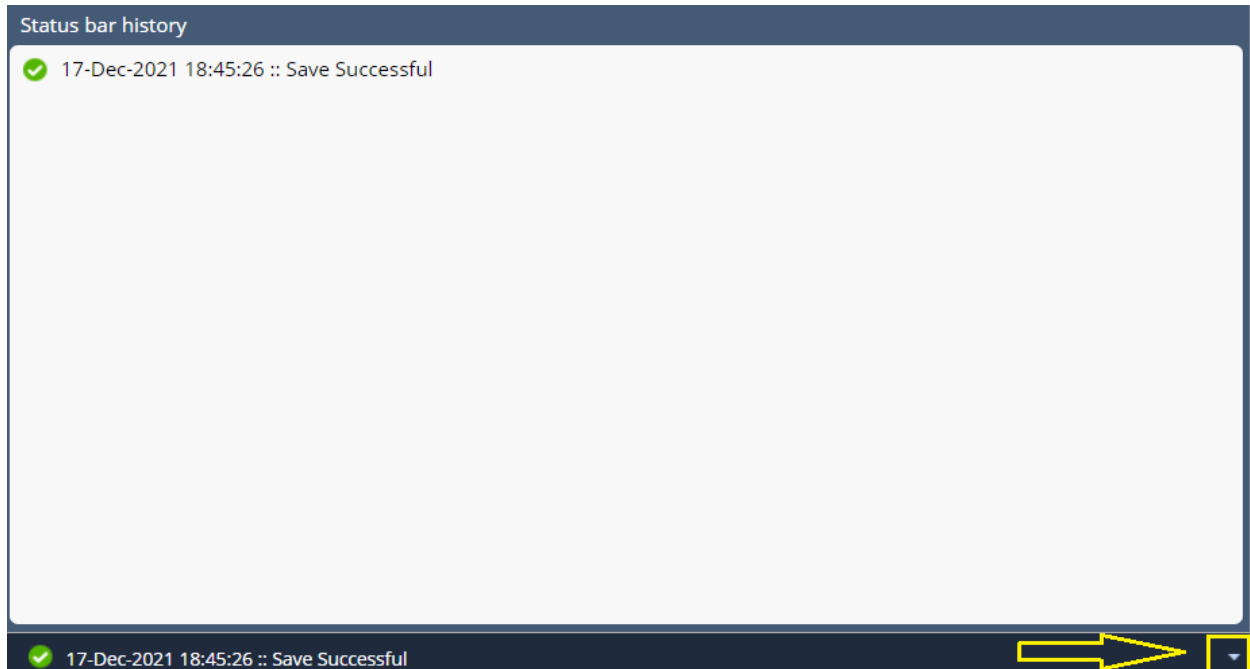
Navigation Tree:

The navigation tree lets you select a page. Pages are arranged in logical feature groups. You can show the navigation tree in one of these view modes: **Basic** which Shows some standard pages and **Advanced** Which Shows all pages. This is the default mode. To change the navigation tree mode, click View Mode and select a mode from the list. To hide the navigation tree, click the Hide icon.



Status Bar:

The status bar, located at the bottom of the window, shows the result of the last configuration operation. To see a history of the configuration operations during the current session, click the Expand icon.



Widgets:

The Overview page shows status widgets. You can add or remove widgets from the page, move them around the page and minimize or expand them.

Widget	Description
System Overview	Installed product (for example: Check Point Security Management Server, Check Point Security Gateway) Product version number (for example: R80.10) Kernel edition (32-bit, or 64-bit) Product build number System uptime hardware platform, on which Gaia is installed
Blades	Installed Software Blades. Those that are enabled in SmartConsole, are colored. Those that are disabled in SmartConsole, are grayed out.
Network Configuration	Interfaces, their IP Addresses and Link Status.
CPU Monitor	Graphical display of CPU usage.
Memory Monitor	Graphical display of memory usage.
Packet Rate	Graphical display of the overall traffic packet rate.
Throughput	Graphical display of the overall traffic throughput.

Configuration Tab:

The Configuration tab lets you see and configure parameters for Gaia features and settings groups. The parameters are organized into functional settings groups in the navigation tree. You must have Read/Write permissions for a settings group to configure its parameters.

Network Management ▸ Network Interfaces

ConfigurationMonitoring

Interfaces

Add ▾

Edit

Delete

Refresh

Name	Type	IPv4 Address	Subnet Mask	Link Status	Comment
eth0	Ethernet	192.168.114.50	255.255.255.0	Up	MGMT
eth1	Ethernet	172.29.129.1	255.255.255.0	Up	WAN
eth2	Ethernet	192.168.1.1	255.255.255.0	Up	LAN
eth2:1	Alias	1.1.1.1	255.0.0.0	Up	
eth3	Ethernet	192.168.2.1	255.255.255.0	Up	DMZ
lo	Loopback	127.0.0.1	255.0.0.0	Up	Loopback

Monitoring Tab:

The Monitoring tab lets you see status and detailed operational statistics, in real time, for some routing and high availability settings groups. For some settings groups, you can select different types of information from a menu. This information is useful for monitoring dynamic routing and VRRP cluster performance.

Network Management ▸ Network Interfaces

ConfigurationMonitoring

Network Interfaces Monitor

☐ Refresh data every 10 seconds

Refresh

Advanced View

Last refresh: Fri Dec 17 2021 22:11:46 GMT+0300 (Arabian Standard Time)

Name	Type	Comment	Rbytes	Rpackets	Errors
eth0	Ethernet	MGMT	11757090	69176	6
eth1	Ethernet	WAN	107272774	82697	4632
eth2	Ethernet	LAN	4614802	64154	56119
eth3	Ethernet	DMZ	535871	7509	6335
lo	Loopback	Loopback	506543927	706511	0