

Chapter 16

Monitoring the NIC with the C-Web Interface

This chapter describes how to monitor NIC components with the C-Web interface. Topics include:

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- Viewing Resolvers with the C-Web Interface on page 170
- Viewing Agents with the C-Web Interface on page 171

Viewing Hosts with the C-Web Interface

You can view statistics for hosts and the host process.

Viewing Host Statistics

To view NIC host statistics:

- Select **NIC** from the side pane, click **Statistics**, and then click **Host**.

The Host pane displays the properties for the agent.

The screenshot shows the Juniper C-Web Interface. The top navigation bar includes 'Monitor', 'Logged in as: admin', and links for 'About', 'Refresh', and 'Logout'. The left sidebar contains a list of components: ACP, CLI, Component, Date, Disk, Interfaces..., JPS, **NIC** (highlighted), NTP, Redirect Server, Route..., SAE, Security, and System. The main content area displays the 'NIC Host' page. The breadcrumb trail at the top right reads 'NIC > Statistics > Host'. The 'Component Statistics' table shows the following data:

Component Name	/hosts
Number of Components Restart	0
Number of No Match Resolutions	0
Number of Resolution Errors	0
Number of Resolutions	0

The footer of the interface includes the copyright notice 'Copyright © 2007, Juniper Networks, Inc. All Rights Reserved. Trademark Notice Privacy.' and the Juniper logo with the tagline 'Juniper your Net.'.

Viewing Host Process Statistics

To view NIC host process statistics:

- Select **NIC** from the side pane, click **Statistics**, and then click **Process**.

The Process pane displays the statistics for the host process.

The screenshot shows the Juniper C-Web Interface. On the left is a sidebar with a menu: Monitor, ACP, CLI, Component, Date, Disk, Interfaces..., JPS, NIC (highlighted), NTP, Redirect Server, Route..., SAE, Security, and System. The main content area is titled 'NIC' and 'Process'. It displays 'Component Statistics' for the 'process' component. The statistics are as follows:

Component Name	process
Heap in use	12109 bytes (9%)
Heap limit	131072 bytes
Threads	32
Up time	111048 seconds since Wed Mar 07 09:14:28 EST 2007

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Viewing Resolvers with the C-Web Interface

You can view resolvers and monitor resolver statistics with the C-Web interface.

Viewing Resolvers

To view information about a resolver:

1. Select **NIC** from the side pane, click **Data**, and then click **Resolver**.

The Resolver pane appears.

The screenshot shows the Juniper C-Web interface. On the left is a navigation pane with a tree structure. The 'NIC' component is selected and highlighted in orange. The main content area is titled 'NIC Resolver'. It contains two input fields: 'Maximum Results' and 'Name'. To the right of these fields are informational text boxes. The 'Maximum Results' box states: 'Number of results to be displayed. Legal range: 1 .. INF. Default value: 25'. The 'Name' box states: 'Name of a NIC resolver. Please enter: Resolver name'. Below the input fields are 'OK' and 'Reset' buttons. At the top right of the interface, it says 'Logged in as: admin' and has links for 'About', 'Refresh', and 'Logout'. At the bottom, there is a copyright notice: 'Copyright © 2007, Juniper Networks, Inc. All Rights Reserved. Trademark Notice Privacy.' and the Juniper logo with the tagline 'Juniper Your Net.'

2. In the Maximum Results box, enter the maximum number of results that you want to receive.
3. In the Name box, enter the name of the resolver for which you want to view data.
4. Click **OK**.

The Resolver pane displays the properties for the resolver.

Viewing Resolver Statistics

To view statistics about resolvers:

1. Select **NIC** from the side pane, click **Statistics**, and then click **Resolver**.

The Resolver pane appears.

The screenshot shows the Juniper C-Web Interface. On the left is a sidebar with a menu containing: Monitor, ACP, CLI, Component, Date, Disk, Interfaces..., JPS, **NIC** (highlighted), NTP, Redirect Server, Route..., SAE, Security, and System. The main content area is titled 'NIC Resolver' and contains a form with a 'Name' input field. To the right of the input field is a text box with the placeholder 'Name of a NIC resolver. Please enter: Resolver name'. Below the input field are 'OK' and 'Reset' buttons. At the top right of the main area, there are links for 'About', 'Refresh', and 'Logout'. A breadcrumb trail at the top right reads 'NIC > Statistics > Resolver'. The footer of the interface includes the copyright notice 'Copyright © 2007, Juniper Networks, Inc. All Rights Reserved. Trademark Notice. Privacy.' and the Juniper logo with the tagline 'Juniper your Net.'

2. In the Name box, enter the name of the resolver for which you want to view statistics.
3. Click **OK**.

The Resolver pane displays the statistics for the resolver.

Viewing Agents with the C-Web Interface

You can view agent properties or agent statistics using the C-Web interface.

Viewing Agents

To view information about an agent:

1. Select **NIC** from the side pane, click **Data**, and then click **Agent**.

The Agent pane appears.

The screenshot shows the Juniper C-Web Interface. On the left is a sidebar with a menu including Monitor, ACP, CLI, Component, Date, Disk, Interfaces..., JPS, NIC (highlighted), NTP, Redirect Server, Route..., SAE, Security, and System. The main content area is titled 'NIC' and 'Agent'. It contains two input fields: 'Maximum Results' and 'Name'. To the right of these fields is a list of agents: AcctIdIp, DnVr, Enterprise, IpAcctId, IpLoginName, IpVr, LoginNameVr, PoolVr, UserNameVr, and VrSaeId. Below the input fields are 'OK' and 'Reset' buttons. The footer of the interface shows the copyright notice for Juniper Networks, Inc. and the Juniper logo.

2. In the Maximum Results box, enter the maximum number of results that you want to receive.
3. In the Name box, enter the name of the agent for which you want to view data.
4. Click **OK**.

The Agent pane displays the properties for the agent.

For information about the meaning of the properties, see *SRC-PE Network Guide, Chapter 20, Reviewing the NIC Configuration*.

Viewing Agent Statistics

To view statistics for an agent:

1. Select **NIC** from the side pane, click **Statistics**, and then click **Agent**.

The Agent pane appears.

The screenshot shows the Juniper C-Web Interface. The top navigation bar includes 'Monitor', 'Logged in as: admin', and links for 'About', 'Refresh', and 'Logout'. The left sidebar lists various components: ACP, CLI, Component, Date, Disk, Interfaces..., JPS, NIC (highlighted), NTP, Redirect Server, Route..., SAE, Security, and System. The main content area is titled 'NIC Agent' and contains a form for configuring a NIC agent. The form has a 'Name' label and a text input box. Below the input box are 'OK' and 'Reset' buttons. To the right of the input box, there is a list of available agent names: AcctIdIp, DnVr, Enterprise, IpAcctId, IpLoginName, IpVr, LoginNameVr, PoolVr, UserNameVr, and VrSaeId. The footer of the interface displays the copyright notice 'Copyright © 2007, Juniper Networks, Inc. All Rights Reserved. Trademark Notice. Privacy.' and the Juniper logo.

2. In the Name box, enter the name of the agent for which you want to view statistics.
3. Click **OK**.

The Agent pane displays the properties for the agent.

For information about the meaning of the properties, see *SRC-PE Network Guide, Chapter 20, Reviewing the NIC Configuration*.

