

Configuration Statements for the NIC

The SRC CLI provides the following groups of configuration statements for the NIC:

- Configuration Statements for NIC Operating Properties
- Configuration Statements for NIC Scenarios
- Configuration Statements for NIC Logging



NOTE: We recommend that you change only those statements visible at the basic editing level. Contact Juniper Professional Services or Juniper Customer Support before you change any of the NIC statements and options not visible at the basic editing level.

Configuration Statements for NIC Operating Properties

Use the following configuration statements to configure the NIC operating properties at the [edit] hierarchy level. These statements are visible at the CLI basic editing level.

```
slot number nic {
    base-dn base-dn;
    java-garbage-collection-options java-garbage-collection-options;
    java-heap-size java-heap-size;
    scenario-name scenario-name;
    snmp-agent;
    hostname hostname;
    runtime-group runtime-group;
}
slot number nic initial {
    static-dn static-dn;
    dynamic-dn dynamic-dn;
}
slot number nic initial directory-connection {
    url url;
    backup-urls [ backup-urls...];
    principal principal;
    credentials credentials;
    protocol (ldaps);
    timeout timeout;
    check-interval check-interval;
    blacklist;
    snmp-agent;
}
slot number nic initial directory-eventing {
    eventing;
    signature-dn signature-dn;
    polling-interval polling-interval;
    event-base-dn event-base-dn;
    dispatcher-pool-size dispatcher-pool-size;
}
```

Configuration Statements for NIC Scenarios

Use the following configuration statements to configure the NIC at the [edit] hierarchy level. These statements are visible at the CLI basic editing level.

Which agents you configure depends on the NIC configuration scenario that you use.



NOTE: The CLI also provides configuration statements for consolidator agents, properties agents, and XML agents. At this time, none of the NIC configuration scenarios uses these agents. The following list does not include the configuration statements for these agents.

```
shared nic scenario name
shared nic scenario name agents name
shared nic scenario name agents name configuration directory {
    search-base search-base ;
    search-filter search-filter ;
    search-scope (0 | 1 | 2);
    server-url server-url ;
    directory-backup-urls directory-backup-urls ;
    principal principal ;
    credentials credentials ;
}
shared nic scenario name agents name configuration sae-client {
    principal principal;
    credentials credentials;
    subscriber-id (user-ip-address | dn | login-name | interface-name | primary-user-name);
    search-base search-base;
    search-filter search-filter;
    search-scope (object | one-level | sub-tree);
    server-url server-url;
    directory-backup-urls directory-backup-urls ;
}
shared nic scenario name agents agent configuration sae-plug-in {
    event-filter event-filter ;
    number-of-events number-of-events ;
}
```

Configuration Statements for NIC Logging

Use the following configuration statements to configure logging for the NIC at the [edit] hierarchy level.

```
shared nic scenario name hosts name configuration logger name syslog {
    filter filter ;
    host host ;
    facility facility ;
    format format ;
}
shared nic scenario name hosts name configuration logger name file {
    filter filter ;
    filename filename;
```

```
    rollover-filename rollover-filename ;  
    maximum-file-size maximum-file-size ;  
}
```

- Related Topics**
- Before You Configure the NIC
 - Configuring the NIC (SRC CLI)
 - For detailed information about each configuration statement, see the *SRC-PE CLI Command Reference*

