Example: Configuring and Applying JUNOS Configuration Groups

In this example, the SNMP configuration is divided between the group basic and the normal configuration hierarchy.

There are a number of advantages to placing the system-specific configuration (SNMP contact) into a configuration group and thus separating it from the normal configuration hierarchy—the user can replace (using the load replace command) either section without discarding data from the other.

In addition, setting a contact for a specific box is now possible because the group data would be hidden by the router-specific data.

```
[edit]
groups {
   basic {# User-defined group name
   snmp {# This group contains some SNMP data
   contact "My Engineering Group";
   community BasicAccess {
      authorization read-only;
   }
}
apply-groups basic;# Enable inheritance from group "basic"
snmp {# Some normal (non-group) configuration
location "West of Nowhere";
```

This configuration is equivalent to the following:

```
[edit]
snmp {
   location "West of Nowhere";
   contact "My Engineering Group";
   community BasicAccess {
      authorization read-only;
   }
}
```

For information about how to disable inheritance of a configuration group, see Disabling Inheritance of a JUNOS Configuration Group.

Related Topics

- Example: Creating and Applying Configuration Groups on a TX Matrix Router
- Example: Configuring and Applying JUNOS Configuration Groups on page 1
- Example: Configuring Interfaces Using JUNOS Configuration Groups
- Example: Configuring Peer Entities
- Example: Referencing the Preset Statement From the JUNOS defaults Group
- Example: Viewing Default Statements That Have Been Applied to the Configuration
- Example : Configuring Sets of Statements with Configuration Groups

- Example: Configuring a Consistent IP Address for the Management Interface
- Creating a JUNOS Configuration Group

Published: 2010-04-27