

## Chapter 8

# Summary of Attributes in SRC XML Tags

This chapter describes the attributes that the NETCONF server and client applications include in opening SRC XML tags. For information about the notational conventions used in this chapter, see Table 2 on page x.

### operation

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**Usage**

```
<rpc>
  <edit-config>
    <config>
      <configuration>
        <!-- opening tags for each parent of the changing element -->
        <changing-element operation="( create | delete | replace )">
          <name>identifier</name> <!-- if changing element has an identifier -->
          <!-- other child tag elements, if appropriate for the operation -->
        </changing-element>
        <!-- closing tags for each parent of the changing element -->
      </configuration>
    </config>
    <!-- other child tag elements of the <edit-config> tag element -->
  </edit-config>
</rpc>
]]>]]>
```

**Description** Specify how the NETCONF server incorporates an individual configuration element into the candidate configuration. If the attribute is omitted, the element is merged into the configuration according to the rules defined in “Setting the Default Mode for Incorporating New Configuration Data” on page 64. The following are acceptable values:

- **create**—Creates the specified element in the configuration only if the element does not already exist. See “Creating New Configuration Elements” on page 71.
- **delete**—Deletes the specified element from the candidate configuration. We recommend that the `<default-operation>` tag element with the value `none` also be included in the `<edit-config>` tag element. See “Deleting Configuration Elements” on page 72.
- **replace**—Replaces the specified element in the candidate configuration with the provided new configuration data. See “Replacing Configuration Elements” on page 70.

**Usage Guidelines** See “Changing Individual Configuration Elements” on page 68.

**See Also** <edit-config> on page 84, <rpc> on page 88, xmlns on page 93

## sdx:changed-localtime

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**Usage** <rpc-reply xmlns:sdx="URL">  
 <configuration xmlns="URL" sdx:changed-seconds="seconds" \  
   **sdx:changed-localtime="YYYY-MM-DD hh:mm:ss TZ"**>  
   <!-- XML tag elements for the requested configuration data -->  
 </configuration>  
 </rpc-reply>

**Description** (Displayed when the candidate configuration is requested) Specify the time when the configuration was last changed as the date and time in the C-series Controller’s local time zone.

**Usage Guidelines** See “Requesting Information from the Candidate Configuration” on page 45.

**See Also** <rpc-reply> on page 89, sdx:changed-seconds on page 92, xmlns on page 93

## sdx:changed-seconds

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**Usage** <rpc-reply xmlns:sdx="URL">  
 <configuration xmlns="URL" **sdx:changed-seconds="seconds"** \  
   sdx:changed-localtime="YYY-MM-DD hh:mm:ss TZ">  
   <!-- XML tag elements for the requested configuration data -->  
 </configuration>  
 </rpc-reply>

**Description** (Displayed when the candidate configuration is requested) Specify the time when the configuration was last changed as the number of seconds since midnight on 1 January 1970.

**Usage Guidelines** See “Requesting Information from the Candidate Configuration” on page 45.

**See Also** <rpc-reply> on page 89, sdx:changed-localtime on page 92, xmlns on page 93

## xmlns

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**Usage** `<rpc-reply xmlns:sdx="URL">`  
     `<operational-response xmlns="URL-for-DTD">`  
         `<!-- XML tag elements for the requested operational data -->`  
     `</operational-response>`  
`</rpc-reply>`

`<rpc-reply xmlns:sdx="URL">`  
     `<configuration xmlns="URL" sdx:changed-seconds="seconds" \`  
         `sdx:changed-localtime="YYY-MM-DD hh:mm:ss TZ" >`  
         `<!-- XML tag elements for the requested configuration data -->`  
     `</configuration>`  
`</rpc-reply>`

**Description** For operational responses, define the XML namespace for the enclosed tag elements that do not have a prefix (such as `sdx:`) in their names. The namespace indicates which XML document type definition (DTD) defines the set of tag elements in the response.

For configuration data responses, define the XML namespace for the enclosed tag elements.

**Usage Guidelines** See “Requesting Operational Information” on page 42 and “Requesting Information from the Candidate Configuration” on page 45.

**See Also** `<rpc-reply>` on page 89, `sdx:changed-localtime` on page 92, `sdx:changed-seconds` on page 92

