

## Chapter 12

# SAP Configuration Guidelines

The Session Announcement Protocol (SAP) and Session Description Protocol (SDP) associate multicast session names with multicast traffic addresses. Only SAP has configuration parameters that users can change. Enabling SAP allows the router to receive announcements about multimedia and other multicast sessions. To enable SAP and the receipt of session announcements, include the `sap` statement:

```
sap {  
    disable;  
    listen [ address port port ];  
}
```

You can include this statement at the following hierarchy levels:

- [edit protocols]
- [edit logical-routers *logical-router-name* protocols]

For an overview of logical routers and a detailed example of logical router configuration, see the logical routers chapter of the *JUNOS Feature Guide*.

SAP listens on one or more addresses and ports. By default, SAP always listens to the address and port `224.2.127.254:9875` for session advertisements. To add other addresses and ports, specify other address and port numbers.

Sessions learned by SDP, SAP's higher layer protocol, time out after 60 minutes.

