

[edit services application-identification] Hierarchy Level

```
services {
  application-identification {
    application application-name {
      disable;
      idle-timeout seconds;
      index number;
      port-mapping {
        disable;
        port-range {
          tcp [ ports-and-port-ranges ];
          udp [ ports-and-port-ranges ];
        }
      }
      session-timeout seconds;
      signature {
        disable;
        client-to-server {
          dfa-pattern text-string;
          regex regular-expression;
        }
        min-data bytes;
        order priority;
        port-range {
          tcp [ port-numbers ];
          udp [ port-numbers ];
        }
        server-to-client {
          dfa-pattern text-string;
          regex regular-expression;
        }
      }
      type type;
      type-of-service service-type;
    }
    application-group group-name {
      disable;
      application-groups {
        application-group-name;
      }
      applications {
        application-name;
      }
      index number;
    }
    application-system-cache-timeout seconds;
    download {
      automatic {
        interval hours;
        start-time MM-DD.hh:mm;
      }
      url url;
    }
  }
}
```

```

max-checked-bytes bytes;
max-packet-memory number;
max-sessions number;
max-tcp-session-packet-memory number;
max-udp-session-packet-memory number;
min-checked-bytes bytes;
nested-application application-name {
    index index-number;
    protocol HTTP;
    signature name {
        chain-order;
        maximum-transactions number;
        member mnumber {
            context (http-header-content-type | http-header-host | http-url-parsed |
                http-url-parsed-param-parsed);
            direction (any | client-to-server | server-to-client);
            pattern dfa-pattern;
        }
        order number;
    }
    type application-name;
}
nested-application-settings {
    no-nested-application;
    no-application-system-cache;
}
no-application-identification;
no-application-system-cache;
no-clear-application-system-cache;
no-protocol-method;
no-signature-based;
profile profile-name {
    rule-set rule-set-name;
}
rule rule-name {
    address address-name {
        destination {
            ip address</prefix-length>;
            port-range {
                tcp [ ports-and-port-ranges ];
                udp [ ports-and-port-ranges ];
            }
        }
        order number;
        source {
            ip address</prefix-length>;
            port-range {
                tcp [ ports-and-port-ranges ];
                udp [ ports-and-port-ranges ];
            }
        }
    }
    application-name application-name;
}
rule-set rule-set-name {
    rule application-rule-name;
}

```

```
    }
    traceoptions {
      file <filename> <files number> <match regular-expression> <size size>
        <world-readable | no-world-readable>;
      flag <flag>;
      no-remote-trace;
    }
  }
}
```

- Related Topics**
- Notational Conventions Used in JUNOS Configuration Hierarchies
 - [edit services] Hierarchy Level

Published: 2010-04-28