[edit protocols oam] Hierarchy Level

The following statement hierarchy can also be included at the [edit logical-systems *logical-system-name*] hierarchy level.

```
protocols {
    oam {
        ethernet {
            connectivity-fault-management {
                action-profile profile-name {
                    default-actions {
                        interface-down;
                    }
                }
                linktrace {
                    age (10s | 30s | 1m | 10m | 30m);
                    path-database-size number;
                }
                maintenance-domain domain-name {
                    level number;
                    name-format (character-string | dns | mac+2oct | none);
                    maintenance-association association-name {
                        continuity-check {
                            hold-interval minutes;
                            interval (100ms | 1s | 10s | 1m | 10m);
                            loss-threshold number;
                        }
                        mep mep-id {
                            auto-discovery;
                            direction (up | down);
                            interface interface-name;
                            priority number;
                            remote-mep mep-id {
                                action-profile profile-name;
                            }
                        }
                        short-name-format (2octet | character-string | rfc-2685-vpn-id | vlan);
                    }
                }
                performance-monitoring {
                    hardware-assisted-timestamping;
                }
                traceoptions {
                    file <filename> <files number> <match regular-expression>
                        <size maximum-file-size> <world-readable | no-world-readable>;
                    flag flag;
                    no-remote-trace;
                }
            }
            link-fault-management {
                action-profile profile-name {
                    action {
                        link-down;
                        send-critical-event;
```

```
                        syslog;
                    }
                    event {
                        link-adjacency-loss;
                        link-event-rate {
                            frame-error count;
                            frame-period count;
                            frame-period-summary count;
                            symbol-period count;
                        }
                        protocol-down;
                    }
                }
                interface interface-name {
                    apply-action-profile profile-name;
                    event-thresholds {
                        frame-error count;
                        frame-period count;
                        frame-period-summary count;
                        symbol-period count;
                    }
                    link-discovery (active | passive);
                    negotiation-options {
                        allow-remote-loopback;
                        no-allow-link-events;
                    }
                    pdu-interval interval;
                    pdu-threshold threshold-value;
                    remote-loopback;
                }
                traceoptions {
                    file <filename> <files number> <match regular-expression>
                        <size maximum-file-size> <world-readable | no-world-readable>;
                    flag flag;
                    no-remote-trace;
                }
            }
        }
    }
}
```

Related Topics   ■   Notational Conventions Used in JUNOS Configuration Hierarchies

                     ■   [edit protocols] Hierarchy Level