

[edit security utm] Hierarchy Level

```
security {
  utm {
    application-proxy {
      traceoptions {
        flag flag;
      }
    }
    custom-objects {
      custom-url-category {
        category-list-name {
          value [ values ];
        }
      }
      filename-extension {
        extension-list-name {
          value [ values ];
        }
      }
      mime-pattern {
        mime-list-name {
          value [ values ];
        }
      }
      protocol-command {
        command-list-name {
          value [ values ];
        }
      }
      url-pattern {
        url-list-name {
          value [ values ];
        }
      }
    }
    feature-profile {
      ... the feature-profile subhierarchy appears after the main [edit security utm]
          hierarchy level ...
    }
    ipc {
      traceoptions {
        flag flag;
      }
    }
    traceoptions {
      flag flag;
    }
    utm-policy policy-name {
      anti-spam {
        smtp-profile profile-name;
      }
      anti-virus {
        ftp {
```

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        download-profile profile-name;
        upload-profile profile-name;
    }
    http-profile profile-name;
    imap-profile profile-name;
    pop3-profile profile-name;
    smtp-profile profile-name;
}
content-filtering {
    ftp {
        download-profile profile-name;
        upload-profile profile-name;
    }
    http-profile profile-name;
    imap-profile profile-name;
    pop3-profile profile-name;
    smtp-profile profile-name;
}
traffic-options {
    sessions-per-client {
        limit number;
        over-limit (block | log-and-permit);
    }
}
web-filtering {
    http-profile profile-name;
}
}
}

utm {
    feature-profile {
        anti-spam {
            address-blacklist list-name;
            address-whitelist list-name;
            symantec-sbl {
                profile profile-name {
                    custom-tag-string text-string;
                    (sbl-default-server | no-sbl-default-server);
                    spam-action (block | tag-header | tag-subject);
                }
            }
            traceoptions {
                flag flag;
            }
        }
        anti-virus {
            ... the anti-virus subhierarchy appears after the main [edit security utm
            feature-profile] hierarchy level ...
        }
        content-filtering {
            profile profile-name {
                block-command command-list;
                block-content-type {
                   activex;
                   exe;
                }
            }
        }
    }
}

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    http-cookie;
    java-applet;
    zip;
  }
  block-extension extension-list;
  block-mime {
    exception exception-string;
    list list-name;
  }
  notification-options {
    custom-message message;
    (notify-mail-sender | no-notify-mail-sender);
    type (message | protocol-only);
  }
  permit-command command-list;
  traceoptions {
    flag flag;
  }
}
web-filtering {
  surf-control-integrated {
    ... the surf-control-integrated subhierarchy appears after the main [edit security utm feature-profile web-filtering] hierarchy level ...
  }
  traceoptions {
    flag flag;
  }
  type (surf-control-integrated | websense-redirect);
  url-blacklist list-name;
  url-whitelist list-name;
  websense-redirect {
    ... the websense-redirect subhierarchy appears after the main [edit security utm feature-profile web-filtering] hierarchy level ...
  }
}

web-filtering {
  surf-control-integrated {
    cache {
      size size;
      timeout timeout;
    }
    profile profile-name {
      category category-name {
        action (block | log-and-permit | permit);
      }
      custom-block-message message-text;
      default (block | log-and-permit | permit);
      fallback-settings {
        default (block | log-and-permit);
        server-connectivity (block | log-and-permit);
        timeout (block | log-and-permit);
        too-many-requests (block | log-and-permit);
      }
      timeout timeout;
    }
  }
}

```

```

server {
    host address-or-hostname;
    port port-number;
}
}

web-filtering {
    websense-redirect {
        profile profile-name {
            account account-name;
            custom-block-message message-text;
            fallback-settings {
                default (block | log-and-permit);
                server-connectivity (block | log-and-permit);
                timeout (block | log-and-permit);
                too-many-requests (block | log-and-permit);
            }
            server {
                host address-or-hostname;
                port port-number;
            }
            sockets number;
            timeout timeout;
        }
    }
}

feature-profile {
    anti-virus {
        juniper-express-engine {
            ... the juniper-express-engine subhierarchy appears after the main [edit
            security utm feature-profile anti-virus] hierarchy level ...
        }
        kaspersky-lab-engine {
            ... the kaspersky-lab-engine subhierarchy appears after the main [edit
            security utm feature-profile anti-virus] hierarchy level ...
        }
        mime-whitelist {
            exception exception-string;
            list list-name;
        }
        traceoptions {
            flag flag;
        }
        type (juniper-express-engine | kaspersky-lab-engine);
        url-whitelist list-name;
    }

    anti-virus {
        juniper-express-engine {
            pattern-update {
                email-notify {
                    admin-email email-address;
                    custom-message message;
                }
            }
        }
    }
}

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        custom-message-subject message-subject;
    }
    interval interval;
    no-autoupdate;
    url url;
}
profile profile-name {
    fallback-options {
        content-size (block | log-and-permit);
        default (block | log-and-permit);
        engine-not-ready (block | log-and-permit);
        out-of-resources (block | log-and-permit);
        timeout (block | log-and-permit);
        too-many-requests (block | log-and-permit);
    }
    notification-options {
        fallback-block {
            custom-message message;
            custom-message-subject message-subject;
            (notify-mail-sender | no-notify-mail-sender);
            type (message | protocol-only);
        }
        fallback-non-block {
            custom-message message;
            custom-message-subject message-subject;
            (notify-mail-recipient | no-notify-mail-recipient);
        }
        virus-detection {
            custom-message message;
            custom-message-subject message-subject;
            (notify-mail-sender | no-notify-mail-sender);
            type (message | protocol-only);
        }
    }
    scan-options {
        content-size-limit limit;
        (intelligent-prescreening | no-intelligent-prescreening);
        timeout timeout;
    }
    trickling timeout timeout;
}
}
}

anti-virus {
    kaspersky-lab-engine {
        pattern-update {
            email-notify {
                admin-email email-address;
                custom-message message;
                custom-message-subject message-subject;
            }
            interval interval;
            no-autoupdate;
            url url;
        }
    }
}

```

```

profile profile-name {
  fallback-options {
    content-size (block | log-and-permit);
    corrupt-file (block | log-and-permit);
    decompress-layer (block | log-and-permit);
    default (block | log-and-permit);
    engine-not-ready (block | log-and-permit);
    out-of-resources (block | log-and-permit);
    password-file (block | log-and-permit);
    timeout (block | log-and-permit);
    too-many-requests (block | log-and-permit);
  }
  notification-options {
    fallback-block {
      custom-message message;
      custom-message-subject message-subject;
      (notify-mail-sender | no-notify-mail-sender);
      type (message | protocol-only);
    }
    fallback-non-block {
      custom-message message;
      custom-message-subject message-subject;
      (notify-mail-recipient | no-notify-mail-recipient);
    }
    virus-detection {
      custom-message message;
      custom-message-subject message-subject;
      (notify-mail-sender | no-notify-mail-sender);
      type (message | protocol-only);
    }
  }
  scan-options {
    content-size-limit limit;
    decompress-layer-limit limit;
    (intelligent-prescreening | no-intelligent-prescreening);
    scan-extension file-extension;
    scan-mode (all | by-extension);
    timeout timeout;
  }
  trickling timeout timeout;
}
}
}
}
}
}
}
}
}
}

```

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