

## profile

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**Syntax** `profile profile-name {`  
    `authentication-order [ authentication-methods ];`  
    `accounting {`  
        `accounting-stop-on-access-deny;`  
        `accounting-stop-on-failure;`  
        `order [ accounting-method ];`  
        `statistics (time | volume-time);`  
        `update-interval minutes;`  
    `}`  
    `radius {`  
        `authentication-server [ ip-address ];`  
        `accounting-server [ ip-address ];`  
        `options {`  
            `accounting-session-id-format (decimal | description);`  
            `ethernet-port-type-virtual;`  
            `interface-description-format [sub-interface | adapter];`  
            `nas-identifier identifier-value;`  
            `nas-port-extended-format {`  
                `adapter-width width;`  
                `port-width width;`  
                `slot-width width;`  
                `stacked-vlan-width width;`  
                `vlan-width width;`  
            `}`  
            `override-nas-information;`  
            `revert-interval interval;`  
            `vlan-nas-port-stacked-format;`  
        `}`  
        `attributes {`  
            `ignore {`  
                `framed-ip-netmask;`  
                `input-filter;`  
                `logical-system:routing-instance;`  
                `output-filter;`  
            `}`  
        `exclude`  
            `accounting-authentic [ accounting-on | accounting-off ];`  
            `accounting-delay-time [ accounting-on | accounting-off ];`  
            `accounting-session-id [ access-request | accounting-on | accounting-off |`  
                `accounting-stop ];`  
            `accounting-terminate-cause [ accounting-off ];`  
            `called-station-id [ access-request | accounting-start | accounting-stop ];`  
            `calling-station-id [ access-request | accounting-start | accounting-stop ];`  
            `class [ accounting-start | accounting-stop ];`  
            `dhcp-gi-address [ access-request | accounting-start | accounting-stop ];`  
            `dhcp-mac-address [ access-request | accounting-start | accounting-stop ];`  
            `output-filter [ accounting-start | accounting-stop ];`  
            `event-timestamp [ accounting-on | accounting-off | accounting-start |`  
                `accounting-stop ];`  
            `framed-ip-address [ accounting-start | accounting-stop ];`  
            `framed-ip-netmask [ accounting-start | accounting-stop ];`

```

        input-filter [ accounting-start | accounting-stop ];
        input-gigapackets [ accounting-stop ];
        input-gigawords [ accounting-stop ];
        interface-description [ access-request | accounting-start | accounting-stop ];
        nas-identifier [ access-request | accounting-on | accounting-off | accounting-start
            | accounting-stop ];
        nas-port [ access-request | accounting-start | accounting-stop ];
        nas-port-id [ access-request | accounting-start | accounting-stop ];
        nas-port-type [ access-request | accounting-start | accounting-stop ];
        output-gigapackets [ accounting-stop ];
        output-gigawords [ accounting-stop ];
    }
}
radius-server server-address {
    accounting-port port-number;
    port port-number;
    retry attempts;
    routing-instance routing-instance-name;
    secret password;
    timeout source-address;
    timeout seconds;
}
}

```

**Hierarchy Level** [edit access]

**Release Information** Statement introduced before JUNOS Release 7.4.

**Description** Configure an access profile and its subscriber access properties.

The remaining statements are explained separately.



**NOTE:** This topic describes the **profile** statement options for subscriber access management. See the *JUNOS System Basics Configuration Guide* for a complete description of the **profile** statement.

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**Required Privilege Level** admin—To view this statement in the configuration.  
admin-control—To add this statement to the configuration.

**Related Topics** ■ AAA Service Framework Overview

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