

Chapter 31

SNMP Multiplexing (SMUX)

password

Name

password - specifies the clear text password to be used for authentication

Syntax

```
password string ;
```

Parameters

string - a string of up to 8 bytes that represents the password to be used

Description

The SMUX protocol allows a clear text password to be used for authentication of the sub-agent. This password is specified here.

Default

The default is a blank password (0 length).

Context

smux statement

Examples

```
smux on {  
    password "foo" ;  
}
```

See Also

smux on page 717

<http://www.ietf.org/rfc/rfc1227.txt>

port

Name

port - specifies the port on which to contact the master agent via TCP

Syntax

```
port smuxport ;
```

Parameters

smuxport - a port number on which to contact the master agent. This must be a 16-bit value.

Description

The master agent may be running on a different port than the well-known port of 199. This allows GateD to contact the agent on the specified port.

Defaults

```
port 199 ;
```

Context

smux statement

Examples

```
smux on {  
    port 2112;  
};
```

See Also

smux on page 717

<http://www.ietf.org/rfc/rfc1227.txt>

smux

Name

smux - enables or disables SMUX

Syntax

```
smux ( on | off ) ;
```

Parameters

none

Description

smux enables or disables SMUX.

Defaults

```
smux on {  
    port 199;  
};
```

Context

global

Examples

```
smux on {  
    port 199;  
};
```

See Also

<http://www.ietf.org/rfc/rfc1227.txt>

traceoptions

Name

traceoptions - specifies SMUX trace options

Syntax

```
traceoptions smuxtraceoptions ;
```

Parameters

In addition to the normal options, the following SMUX options are available:

send - Trace packets sent to the master agent.

receive - Trace packets received from the master agent.

packets - Trace every byte of traced packet.

Description

This option configures the trace options for the SMUX protocol. Packets may be traced on the receive side or send side. By specifying *packets*, the entire packet is dumped in the trace file.

Defaults

The default options are inherited from the global options.

Context

smux statement

Examples

```
smux yes {  
    traceoptions "/tmp/smuxlog" send packets;  
};
```

See Also

smux on page 717

<http://www.ietf.org/rfc/rfc1227.txt>