

## 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>