

Chapter 17

Summary of Voice Services Configuration Statements

The following sections explain each of the voice services statements. The statements are organized alphabetically.

address

Syntax	<pre>address address { ... }</pre>
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> family <i>family</i>]
Description	Configure the interface address.
Options	<i>address</i> —Address of the interface.
Usage Guidelines	See “Configure the Interface Address” on page 183; for a general discussion of address statement options, see the <i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
See Also	<i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> for other statements that do not affect services interfaces.

bundle

Syntax	<code>bundle (vsp-fpc/pic/port ...);</code>
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> family mlppp]
Description	Associate the voice services interface with the logical interface it is joining.
Options	<code>vsp-fpc/pic/port</code> —Name of the voice services interface you are linking.
Usage Guidelines	See “Configure the Bundle Interface” on page 184.
Required Privilege Level	<code>interface</code> —To view this statement in the configuration. <code>interface-control</code> —To add this statement to the configuration.

compression

Syntax	<pre> compression { rtp { f-max-period <i>number</i>; queues [<i>queue-numbers</i>]; port { minimum <i>port-number</i>; maximum <i>port-number</i>; } } } </pre>
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i>]
Description	Configure the compression properties for voice services traffic. The remaining statements are described separately.
Usage Guidelines	See “Configure Compression” on page 183.
Required Privilege Level	<code>interface</code> —To view this statement in the configuration. <code>interface-control</code> —To add this statement to the configuration.

encapsulation

Syntax	encapsulation (multilink-ppp ...);
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i>]
Description	Logical link-layer encapsulation type.
Options	multilink-ppp—For voice services logical interfaces, use Multilink Point-to-Point Protocol (MLPPP) encapsulation. This encapsulation is used only on multilink and link services interfaces and their constituent T1 or E1 interfaces.
Usage Guidelines	See “Configure Logical Interface Encapsulation” on page 182; for information about encapsulation statement options used with other interface types, see the <i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

f-max-period

Syntax	f-max-period <i>number</i> ;
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> compression rtp]
Description	Specify the maximum number of compressed packets allowed between the transmission of full headers in a compressed RTP traffic stream.
Options	<i>number</i> —Maximum number of packets. Default: 256
Usage Guidelines	See “Configure Compression” on page 183.
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

family

Syntax	family (inet mlppp ...) { address <i>address</i> { ... } bundle <i>interface-name</i> ; }
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i>]
Description	Configure protocol family information for the logical interface.
Options	<i>family</i> —Protocol family: inet—Internet Protocol version 4 suite mlppp—Multilink Point-to-Point Protocol The remaining statements are explained separately.
Usage Guidelines	See “Configure the Bundle Interface” on page 184; for a general discussion of family statement options, see the <i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
See Also	<i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> for other statements that do not affect services interfaces.

interfaces

Syntax	interfaces { ... }
Hierarchy Level	[edit]
Description	Configure interfaces on the router.
Default	The management and internal Ethernet interfaces are automatically configured. You must configure all other interfaces.
Usage Guidelines	See the <i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

port

Syntax	port { minimum <i>port-number</i> ; maximum <i>port-number</i> ; }
Hierarchy Level	[edit interfaces vsp-fpc/pic/port unit <i>logical-unit-number</i> compression rtp]
Description	For voice services interfaces only, specify a range of UDP destination port numbers in which real-time transport protocol (RTP) compression takes place.
Options	minimum <i>port-number</i> —Specify minimum port number. Range: 0 through 65,535 maximum <i>port-number</i> —Specify maximum port number. Range: 0 through 65,535
Usage Guidelines	See “Configure Compression” on page 183.
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

queues

Syntax	queues [<i>queue-numbers</i>];
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> compression rtp]
Description	For voice services interfaces only, assign queue numbers on which real-time transport protocol (RTP) compression takes place.
Options	queues <i>queue-numbers</i> —Assign one or more of the following queues: q0, q1, q2, q3.
Usage Guidelines	See “Configure Compression” on page 183.
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

rtp

Syntax	<pre>rtp { f-max-period <i>number</i>; queues [<i>queue-numbers</i>]; port { minimum <i>port-number</i>; maximum <i>port-number</i>; } }</pre>
Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i> compression]
Description	Configure the real-time transport protocol (RTP) properties for voice services traffic. The remaining statements are described separately.
Usage Guidelines	See “Configure Compression” on page 183.
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.

unit

Syntax	<pre>unit <i>logical-unit-number</i> { encapsulation <i>type</i>; family <i>family</i> { address <i>address</i> { ... } bundle (<i>vsp-fpc/pic/port</i> ...); } }</pre>
Hierarchy Level	[edit interfaces <i>interface-name</i>]
Description	Configure a logical interface on the physical device. You must configure a logical interface to be able to use the physical device.
Options	<i>logical-unit-number</i> —Number of the logical unit. Range: 0 through 16,384 The remaining statements are explained separately.
Usage Guidelines	See “Configure Voice Services Properties” on page 182; for a general discussion of logical interface properties, see the <i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
See Also	<i>JUNOS Internet Software Network Interfaces and Class of Service Configuration Guide</i> for other statements that do not affect services interfaces.