

Configuration Aid To Ingate Firewall/SIParator - Setting Up SIP Media Encryption

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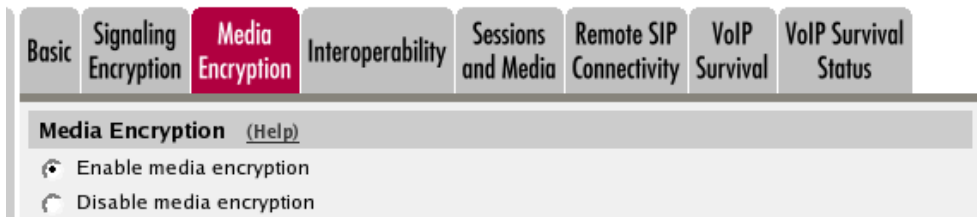
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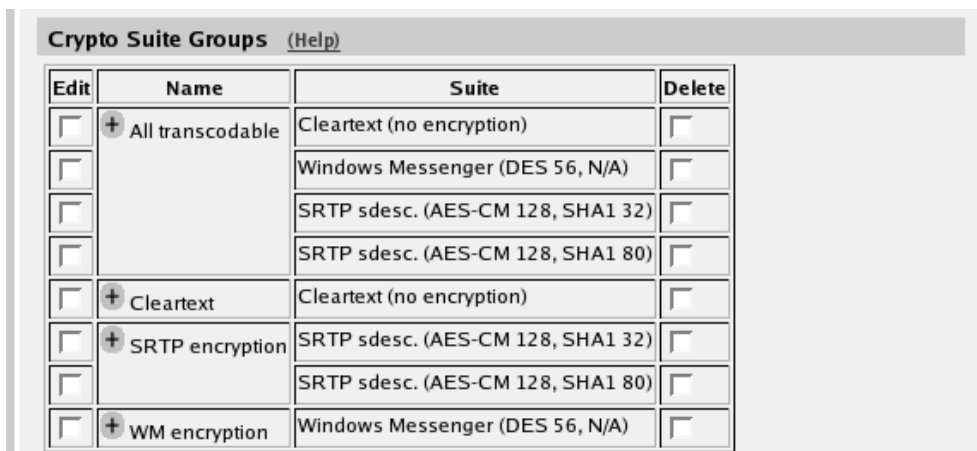
This is how to configure your firewall/SIParator to encrypt SIP media or force the SIP clients to use media encryption.

The settings for SIP media encryption are made on the **Media Encryption** page under **SIP Services**.

First, switch the media encryption on.

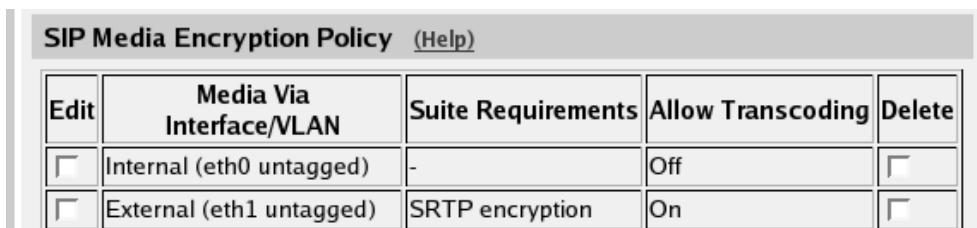


Group the encryption algorithms that you want to use. There are predefined crypto suite groups, but you might need to define your own if you have special requirements.



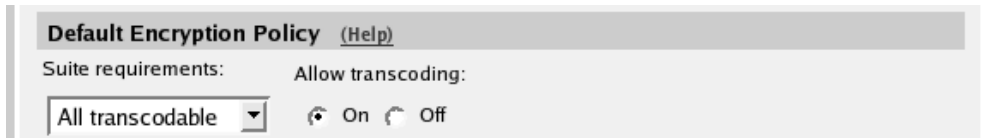
Select for each interface or VLAN if media going in or out from that interface/VLAN should be encrypted, and which encryption algorithms to allow.

If the firewall/SIParator should terminate encrypted media streams coming in to one interface (and send it out unencrypted or encrypted with a different algorithm), you must allow transcoding for that interface.



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Turn **Egress QoS** on and enter a **Total bandwidth** for the interface. Due to the configuration previously made on the **QoS and SIP** page, some bandwidth is already reserved for SIP media.



When SIP media encryption is used, the SIP signaling should also be encrypted (using TLS). If it isn't, the encryption keys will be sent unencrypted over the network.

Finally, go to the **Save/Load Configuration** page under **Administration** and apply the new settings by pressing **Apply configuration**.

