

# Session Settings on RV180 and RV180W

## Objectives

The objective of this document is to configure how incoming packets are analyzed on the RV180 and RV180W.

## Applicable Devices

- RV180
- RV180W

## Step-by-Step Procedures

### Session Settings

Step 1. Using Configuration Utility, choose **Firewall > Advanced Settings > Session Settings**. The *Session Settings* page opens.

Session Settings		
Maximum Unidentified Sessions:	<input type="text" value="32"/>	(Range: 2 - 128, Default: 32)
Maximum Half Open Sessions:	<input type="text" value="128"/>	(Range: 0 - 3000, Default: 128)
TCP Session Timeout Duration:	<input type="text" value="1800"/>	Seconds (Range: 1 - 4294967, Default: 1800)
UDP Session Timeout Duration:	<input type="text" value="120"/>	Seconds (Range: 1 - 34294967, Default: 120)
Other Session Timeout Duration:	<input type="text" value="60"/>	Seconds (Range: 1 - 34294967, Default: 60)
TCP Session Cleanup Latency:	<input type="text" value="10"/>	Seconds (Range: 0 - 34294967, Default: 10)

Step 2. In the Maximum Unidentified Sessions field, enter the maximum number of unidentified sessions that are allowed. This value can range from 2 to 128. The default is 32 sessions.

Step 3. In the Maximum Half Open Sessions field, enter maximum number of half-open sessions that are allowed. A half-open session is a session state between receipt of a SYN and the SYN/ACK packet. The value can ranges from 0 through 3000. The default values is 128 sessions.

Step 4. In the TCP Session Timeout Duration field, enter maximum duration the session should timeout. Most TCP sessions terminate normally when the RST or FIN flags are detected. The duration value ranges between 1 and 4,294,967 seconds. The default timeout value is 1800 seconds.

Step 5. In the UDP Session Timeout Duration field, enter the time in seconds, after which inactive UDP sessions are removed from the session table. The value ranges from 0 through 4,294,967 seconds. The default timeout value is 120 seconds.

Step 6. In the Other Session Timeout Duration field, enter the time in seconds, after which inactive non-TCP/UDP sessions are removed from the session table. This value ranges from 0 through 4,294,967 seconds. The default timeout value is 60 seconds.

Step 7. In the TCP Session Cleanup Latency field, enter maximum time for a session to remain in the session table even after FIN flag is detected. This value ranges from 0 through 4,294,967 seconds. The default value is 10 seconds.

Step 8. Click **Save** to save all settings.