



CHAPTER 2

Configuring the XML Server

This chapter describes how to configure the XML server and includes the following sections:

- [Configuring the Number of Allowed Sessions, page 2-1](#)
- [Configuring the Session Timeout Period, page 2-2](#)
- [Terminating a Server Session, page 2-4](#)
- [Default Settings, page 2-4](#)
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Configuring the Number of Allowed Sessions

Use this procedure to configure the maximum number of simultaneous sessions allowed on the XML server.

BEFORE YOU BEGIN

Before beginning this procedure, you must know or do the following:

- You are logged in to the CLI in EXEC mode.
- You can allow between 1 and 8 maximum sessions simultaneously on the XML server. The default is 8.

SUMMARY STEPS

1. (Optional) **show xml server status**
2. **config t**
3. **xml server max-session *sessions***
4. (Optional) **show xml server status**
5. (Optional) **copy running-config startup-config**

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DETAILED STEPS

	Command	Purpose
Step 1	show xml server status Example: <pre>switch# show xml server status operational status is enabled maximum session configured is 8</pre>	(Optional) Displays information about XML server settings and any active XML server sessions.
Step 2	config t Example: <pre>switch# config t switch(config)#</pre>	Places you in the CLI Global Configuration mode.
Step 3	xml server max-session <i>sessions</i> Example: <pre>switch(config)# xml server max-session 6</pre>	Sets the number of allowed XML server sessions. The default is 8. The range is from 1 to 8.
Step 4	show xml server status Example: <pre>switch(config)# show xml server status</pre>	(Optional) Displays information about the XML server settings and active XML server sessions.
Step 5	copy running-config startup-config Example: <pre>switch(config)# copy running-config startup-config [#####] 100% n1000v(config)#</pre>	(Optional) Saves the running configuration persistently through reboots and restarts by copying it to the startup configuration.

Configuring the Session Timeout Period

Use this procedure to configure the inactive session timeout period on the XML server.

BEFORE YOU BEGIN

Before beginning this procedure, you must know or do the following:

- You are logged in to the CLI in EXEC mode.
- You can set the inactive session timeout period anywhere between 0 and 1200 seconds.

SUMMARY STEPS

1. **config t**
2. **xml server timeout *seconds***
3. (Optional) **copy running-config startup-config**

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DETAILED STEPS

	Command	Purpose
Step 1	config t Example: switch# config t switch(config)#	Places you in the CLI Global Configuration mode.
Step 2	xml server timeout <i>seconds</i> Example: switch(config)# xml server timeout 1200 switch(config)#	Sets the number of seconds after which an inactive XML server session is terminated. The allowable range is from 0 to 1200 seconds.
Step 3	copy running-config startup-config Example: switch(config)# copy running-config startup-config [#####] 100% n1000v(config)#	(Optional) Saves the running configuration persistently through reboots and restarts by copying it to the startup configuration.

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Terminating a Server Session

Use this procedure to terminate an active XML server session.

BEFORE YOU BEGIN

Before beginning this procedure, you must know or do the following:

- You are logged in to the CLI in EXEC mode.

SUMMARY STEPS

- (Optional) **show xml server status**
- xml server terminate session**
- (Optional) **show xml server status**

DETAILED STEPS

	Command	Purpose
Step 1	show xml server status Example: <pre>switch(config)# show xml server status operational status is enabled maximum session configured is 8 switch(config)#</pre>	(Optional) Displays information about the XML server settings and active XML server sessions.
Step 2	xml server terminate session Example: <pre>switch(config)# xml server terminate 8665 switch(config)#</pre>	Terminates the specified XML server session.
Step 3	show xml server status Example: <pre>switch(config)# show xml server status</pre>	(Optional) Displays information about the XML server settings and active XML server sessions. Verify that the session was terminated.

Default Settings

Table 2-1 lists the default settings for the XML API.

Table 2-1 XML API Defaults

Parameters	Default
Maximum allowed XML server sessions	8
Active XML server timeout period	1200 seconds

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Additional References

For additional information related to implementing the XML management interface, see the following sections:

- [Standards, page 2-5](#)
- [RFCs, page 2-5](#)

Standards

Standards	Title
No new or modified standards are supported by this feature, and support for existing standards has not been modified by this feature.	—

RFCs

RFCs	Title
RFC 4741	<i>NETCONF Configuration Protocol</i>
RFC 4742	<i>Using the NETCONF Configuration Protocol over Secure SHell (SSH)</i>

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