

## SAS Web Application Server Multiple Server Settings-SAS Midtier Tuning Series (III)

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer1_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	024 MB 3072 MB 384 MB 1024 MB
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	1024 MB 4096 MB 512 MB 1024 MB
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	4096 MB 4096 MB 1024 MB 1024 MB
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	768 MB 1536 MB 384 MB 768 MB
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	1024 MB 2048 MB 512 MB 768 MB
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	2048 MB 2048 MB 768 MB 768 MB
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
SASServer6_1 (9.4M3 later)	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	768 MB 1536 MB 384 MB 768 MB
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	2048 MB 4096 MB 512 MB 768 MB
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	8192 MB 8192 MB 768 MB 768 MB
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer7_1 (9.4 M3 later)	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	768 MB 1536 MB 384 MB 768 MB
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	1024 MB 2048 MB 512 MB 768 MB
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	4096 MB 4096 MB 768 MB 768 MB
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer12_1 (9.4 M2 later)	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	1024 MB 1536 MB 384 MB 768 MB
		Medium	-Xms	1024 MB

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
			-Xmx -XX:PermSize -XX:MaxPermSize	2048 MB 512 MB 768 MB
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	8192 MB 8192 MB 768 MB 768 MB
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx	

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
			-XX:PermSize -XX:MaxPermSize	
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
<b>Note: The -XX:PermSize and -XX:MaxPermSize options are not available in Java 8</b>				
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
SASServer7_1 (9.4M3 later)	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx	

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
			-XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms	

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
			-Xmx -XX:PermSize -XX:MaxPermSize	
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
SASServer2_1	HP-UX, Linux, Solaris, and Windows	Small	-Xms -Xmx -XX:PermSize	

SAS WebApp Server	Platform	Server Size	Option	Minimum Value
			-XX:MaxPermSize	
		Medium	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	
		Large	-Xms -Xmx -XX:PermSize -XX:MaxPermSize	

#### SASServer1\_1

Additional JVM Args (all platforms)	Small	not applicable	not applicable
	Medium	not applicable	not applicable
	Large	-Dsas.svcs.http.max.total.connections	512
		-Dsas.svcs.http.max.connections	512
SharedServices JDBC Resource	Small	maxPoolSize	35
	Medium	maxPoolSize	100
	Large	maxPoolSize	256
Tomcat Executor Thread Pool	Small	maxThreads	150
	Medium	maxThreads	300
	Large	maxThreads	1024

### SASServer2\_1

Additional JVM Args (all platforms)	Small	not applicable	not applicable
	Medium	not applicable	not applicable
	Large	-Dsas.svcs.http.max.total.connections	512
		-Dsas.svcs.http.max.connections	512
SharedServices JDBC Resource	Small	maxPoolSize	35
	Medium	maxPoolSize	35
	Large	maxPoolSize	100
Tomcat Executor Thread Pool	Small	maxThreads	150
	Medium	maxThreads	300
	Large	maxThreads	1024

### SASServer6\_1

Additional JVM Args (all platforms)	Small	not applicable	not applicable
	Medium	not applicable	not applicable
	Large	-Dsas.svcs.http.max.total.connections	512
		-Dsas.svcs.http.max.connections	512
SharedServices JDBC Resource	Small	maxPoolSize	35
	Medium	maxPoolSize	35
	Large	maxPoolSize	100
Tomcat Executor Thread Pool	Small	maxThreads	150
	Medium	maxThreads	300
	Large	maxThreads	1024



### SASServer7\_1

Additional JVM Args (all platforms)	Small	not applicable	not applicable
	Medium	not applicable	not applicable
	Large	-Dsas.svcs.http.max.total.connections	512
		-Dsas.svcs.http.max.connections	512
SharedServices JDBC Resource	Small	maxPoolSize	35
	Medium	maxPoolSize	35
	Large	maxPoolSize	100
Tomcat Executor Thread Pool	Small	maxThreads	150
	Medium	maxThreads	300
	Large	maxThreads	1024

### SASServer12\_1

Additional JVM Args (all platforms)	Small	not applicable	not applicable
	Medium	not applicable	not applicable
	Large	-Dsas.svcs.http.max.total.connections	512
		-Dsas.svcs.http.max.connections	512
SharedServices JDBC Resource	Small	maxPoolSize	35
	Medium	maxPoolSize	35
	Large	maxPoolSize	100
Tomcat Executor Thread Pool	Small	maxThreads	150
	Medium	maxThreads	300
	Large	maxThreads	1024