

The memory ulimit controls the total amount of memory that can be allocated a process.

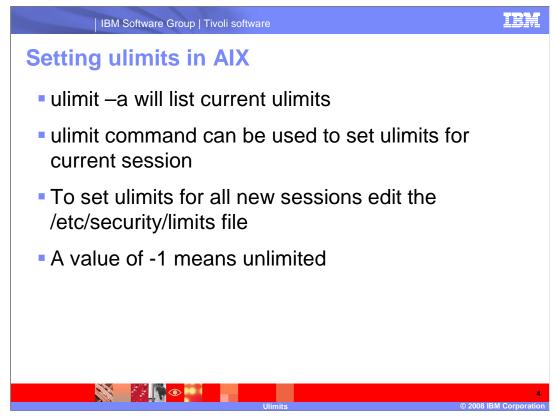
Only available on AIX and HP-UX, the rss ulimit is the amount of memory that a process can have swapped.

The data ulimit specifies how much of the memory can be allocated to the process heap.

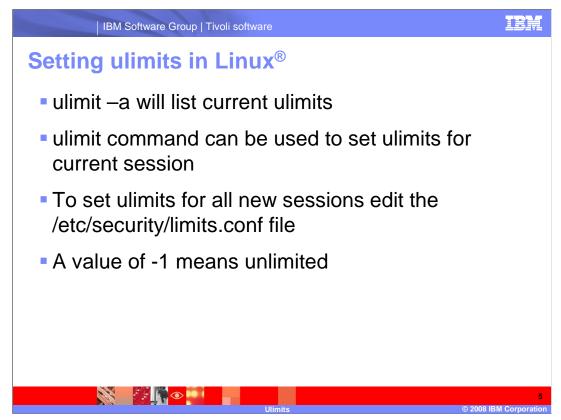
The stack ulimit specifies how much of the memory can be allocated to the process stack.

The fsize ulimit determines the maximum size of any file.

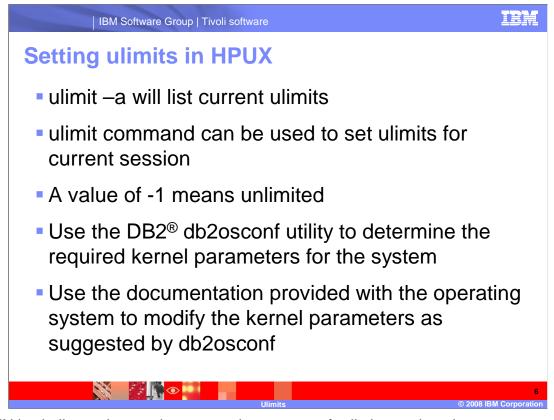
The nofiles ulimit determines the maximum number of files per process. For Directory Server, this number is important because every connection uses a socket. A socket is considered a file.



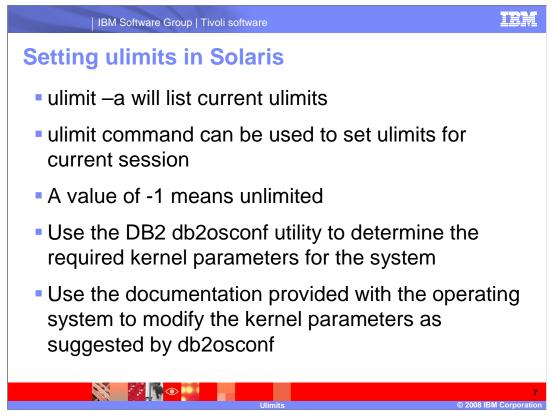
With all of the operating systems based on UNIX, the ulimit -a command will list the current settings. If you see any ulimit with a value of -1, it means that ulimit is set to unlimited. In AIX you can set the default ulimits for all users as well as those for a specific user by editing the /etc/security/limits file.



In the Linux operating system, the file to edit for ulimits is the /etc/security/limits.conf file.

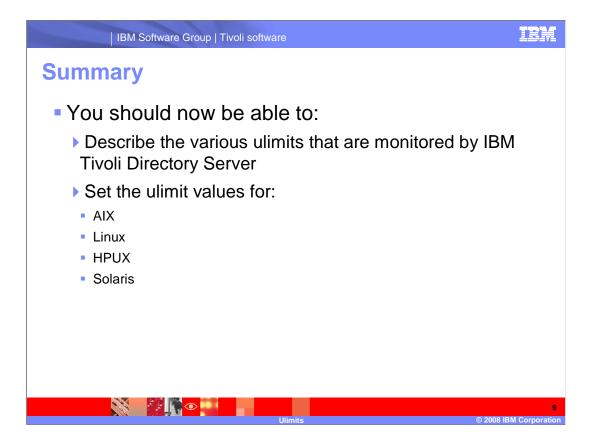


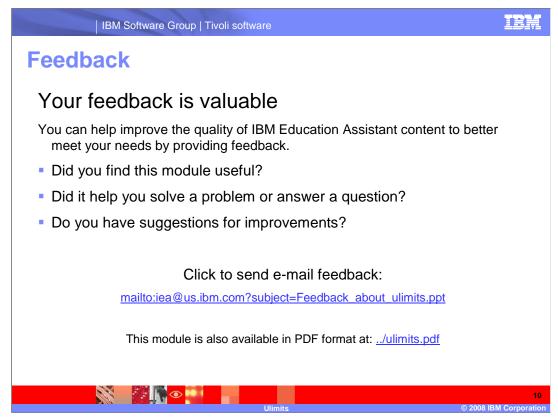
HPUX is similar to the previous operating systems for listing and setting temporary ulimits. For HPUX you can use the DB2 command db2osconf utility to have DB2 determine the optimum kernel parameters (ulimits). Refer to the documentation for specific methods of modifying the kernel parameters.



Solaris is also similar to the previous operating systems for listing and setting temporary ulimits. You can also use the DB2 command db2osconf utility to have DB2 determine the optimum kernel parameters (ulimits). Refer to the documentation for specific methods of modifying the kernel parameters.







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