

AIX pSeries LPAR Performance Metrics

The Uptime Infrastructure Monitor agent that is installed on a logical partition of an AIX LPAR system collects the following performance metrics:

Metric	Explanation	File on Linux	AIX System Calls in libperfstat
lpar_id	The unique identifier for the logical partition (LPAR).	/proc /ppc64 /lparconfig	perfstat_partition_total
purr	The amount of CPU time that has been used by the partition.	/proc /ppc64 /lparconfig	perfstat_partition_total
entitlement	The CPU entitlement of the partition.	/proc /ppc64 /lparconfig	perfstat_partition_total
cpus	The number of CPUs on which the LPAR can run.	/proc /ppc64 /lparconfig	perfstat_partition_total
capped	Determines whether or not the entitlement of the LPAR is capped. If yes, then the LPAR cannot exceed its entitlement. If not, then the LPAR will be able to exceed its entitlement if there are spare CPU cycles available from another CPU on the system.	/proc /ppc64 /lparconfig	perfstat_partition_total
smt	Determines whether or not hyperthreading is available.	/proc /ppc64 /lparconfig	perfstat_partition_total
memory_total	The total amount of memory available to the LPAR, measured in bytes.	/proc /meminfo	perfstat_memory_total
memory_used	The total amount of memory being used by the LPAR, measured in bytes.	/proc /meminfo	perfstat_memory_total
net_packets_tx	The number of packets of data that have been sent over the network interface from the LPAR.	/proc/net /dev	perfstat_netinterface_total
net_packets_rx	The number of packets of data that have been received over the network interface by the LPAR.	/proc/net /dev	perfstat_netinterface_total
net_bytes_tx	The amount of data, measured in bytes, that has been sent over the network interface from the LPAR.	/proc/net /dev	perfstat_netinterface_total
net_bytes_rx	The amount of data, measured in bytes, that has been received over the network interface by the LPAR.	/proc/net /dev	perfstat_netinterface_total
disk_kbytes_out	The amount of data, in kilobytes, that has been written to the disk.	/proc /diskstats	perfstat_disk_total
disk_kbytes_in	The amount of data, in kilobytes, that has been read from the disk.	/proc /diskstats	perfstat_disk_total