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_partitio n_total
purr	The amount of CPU time that has been used by the partition.	/proc /ppc64 /lparconfig	perfstat_partitio n_total
entitle ment	The CPU entitlement of the partition.	/proc /ppc64 /lparconfig	perfstat_partitio n_total
cpus	The number of CPUs on which the LPAR can run.	/proc /ppc64 /lparconfig	perfstat_partitio n_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_partitio n_total
smt	Determines whether or not hyperthreading is available.	/proc /ppc64 /lparconfig	perfstat_partitio n_total
memor y_total	The total amount of memory available to the LPAR, measured in bytes.	/proc /meminfo	perfstat_memor y_total
memor y_used	The total amount of memory being used by the LPAR, measured in bytes.	/proc /meminfo	perfstat_memor y_total
net_pa ckets_tx	The number of packets of data that have been sent over the network interface from the LPAR.	/proc/net /dev	perfstat_netinte rface_total
net_pa ckets_rx	The number of packets of data that have been received over the network interface by the LPAR.	/proc/net /dev	perfstat_netinte rface_total
net_by tes_tx	The amount of data, measured in bytes, that has been sent over the network interface from the LPAR.	/proc/net /dev	perfstat_netinte rface_total
net_by tes_rx	The amount of data, measured in bytes, that has been received over the network interface by the LPAR.	/proc/net /dev	perfstat_netinte rface_total
disk_k bytes_ out	The amount of data, in kilobytes, that has been written to the disk.	/proc /diskstats	perfstat_disk_t otal
disk_k bytes_in	The amount of data, in kilobytes, that has been read from the disk.	/proc /diskstats	perfstat_disk_t otal