

IBM i Operating System Agent

LPAR2RRD is a free performance-monitoring and capacity-planning tool for **IBM Power Systems**.

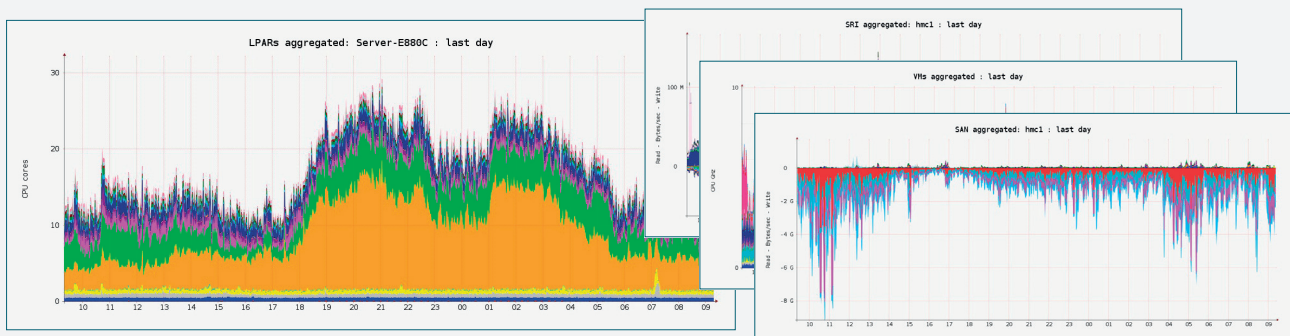
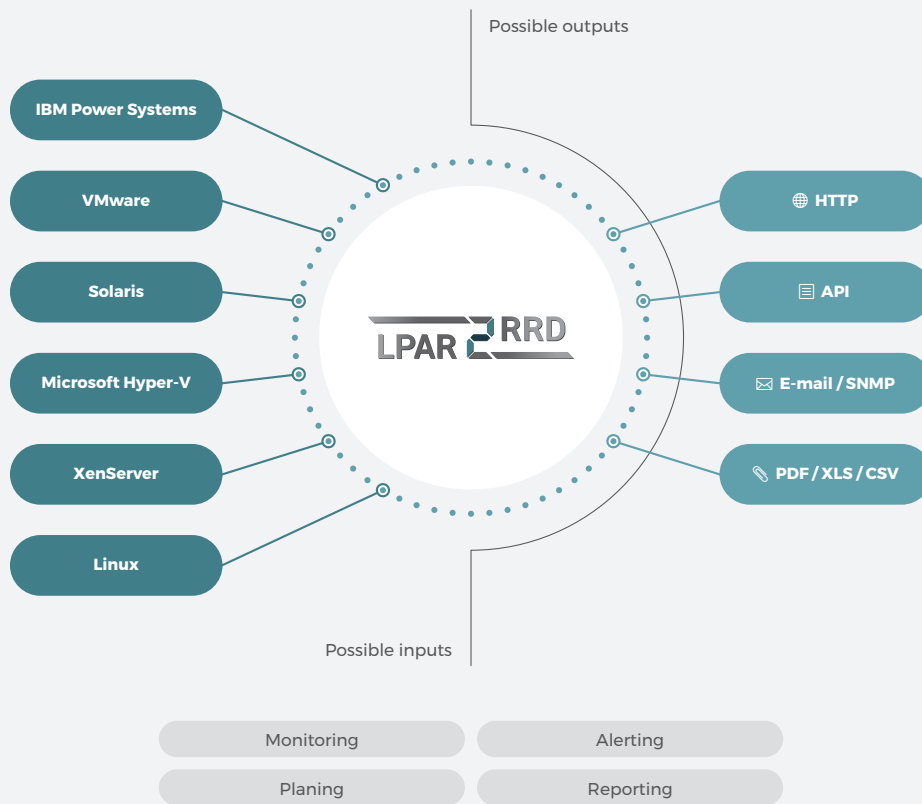
It collects performance data and visualizes recent, historical and future trends in utilization of your virtual environment. It is agentless (it receives everything from the HMC).

OS Agent for IBM is an enhanced feature for collection of a broader data set directly from the operating system. This information offers you a much deeper insight into the performance on your IBM i servers and LPARs.

The OS agent is written in the C language. It runs on the IBM i operating system where it regularly (every minute) collects performance data and transfers it every 20 minutes to the LPAR2RRD server where the data are saved and graphically presented through the web interface.

IBM i OS Agent provides the following sorts of data:

| Graph name | Metric | Per System | Poll | Per ASP | OS cmd | Notes |
|-------------|-----------------|------------|------|---------|-----------|----------------|
| WRKACTJOB | CPU % | ✓ | | | WRKACTJOB | CPU usage in % |
| CPU TOP | CPU core usage | ✓ | | | | CPU core usage |
| IO TOP | IO usage | ✓ | | | WRKACTJOB | IO usage |
| Disk TOP | Disk busy % | ✓ | | | | |
| | IO usage | ✓ | | | | IO/sec |
| JOBS | Jobs | ✓ | | | WRKSYSSTS | |
| | Active jobs | ✓ | | | | |
| | Active threads | ✓ | | | | |
| ASP latency | Latency | | | ✓ | | msec |
| ASP free | Free capacity | | | ✓ | WRKDSKSTS | GB |
| ASP used | Used capacity | | | ✓ | WRKDSKSTS | GB |
| ASP data | Data throughput | | | ✓ | WRKDSKSTS | MB/sec |
| ASP IOPS | IO | | | ✓ | WRKDSKSTS | IO/sec |
| POOL | Pool size | | ✓ | | WRKSYSSTS | GB |
| THREADS | Current threads | | ✓ | | | |
| Faults | DB faults | | ✓ | | WRKSYSSTS | Faults/sec |
| | Non DB faults | | ✓ | | | |
| Pages | DB pages | | ✓ | | WRKSYSSTS | Pages/sec |
| | Non DB pages | | ✓ | | | |
| LAN | MB/sec | ✓ | | | | MB/sec |
| | Packet/sec | ✓ | | | | Packet/sec |
| | Discarded/sec | ✓ | | | | Discarded/sec |



We offer support for the product which brings you the following benefits:

- ▶ SLA: next business day response time for critical issues.
- ▶ Source code.
- ▶ Regular health checks.
- ▶ Priority in implementation of new features based on your request.
- ▶ Creating customized reports.