

Perfmon and Jmeter Integration

Step-1: Download the PerfMon Server Agent

- Go to the official **JMeter Plugins** website:
[perfmon-agent/README.md at master · undera/perfmon-agent · GitHub](https://github.com/undera/perfmon-agent)

1. Download the **Server Agent** (ServerAgent-x.x.x.zip).
2. Extract the downloaded ZIP file to any location on the target server.
3. Navigate to the extracted folder and run the Server Agent: java -jar startAgent.jar
4. Install the PerfMon Server Agent on the Target server.

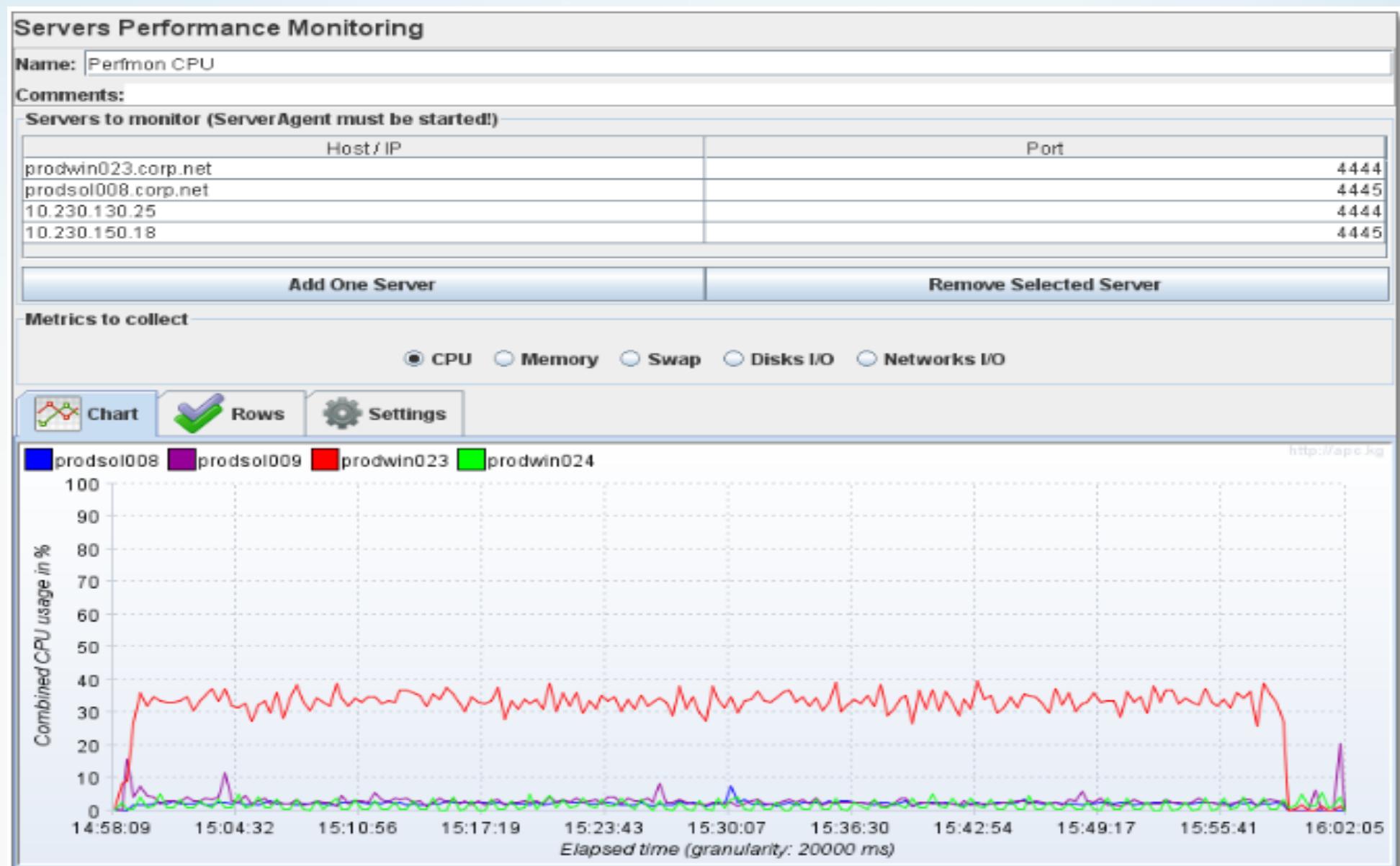
(This starts the PerfMon agent and listens on **port 4444** by default.)



Step-2: Install the PerfMon Plugin in Jmeter

- Open **Jmeter**:

 1. Navigate to "**Options**" → "**Plugins Manager**".
 2. In the **Available Plugins** tab, search for **PerfMon (Performance Monitoring Infrastructure)**.
 3. Select **PerfMon Metrics Collector** and click **Install**.
 4. Restart JMeter.



Step-3: Add PerfMon Metrics Collector in Jmeter

- Open your **JMeter Test Plan**:

 1. Right-click **Test Plan** → **Add** → **Listener** → **PerfMon Metrics Collector**.
 2. Click "**Add Row**" to monitor a specific metric.

Host / IP	Port	Metric to collect	Metric parameter (see help)
localhost	4444	CPU	
localhost	4444	Memory	
localhost	4444	Network I/O	
Add Row		Copy Row	Delete Row

- Common Metrics to Monitor:

Metric	Description
CPU	Monitors CPU usage (%)
Memory	Tracks RAM usage (%)
Disk I/O	Measures read/write speeds
Network	Monitors network traffic