

Using Sysstat to Monitor Performance



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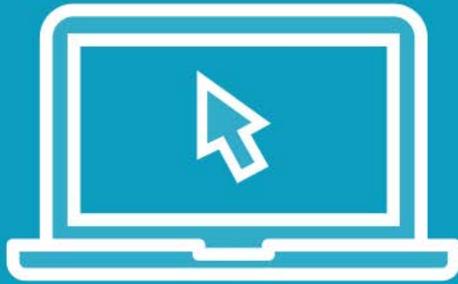
Exam Objectives



Produce and deliver reports on system use (processor, memory, disk, and network), outages, and user requests



Demo



Install `sysstat` and view initial configuration

Using additional tools

Using the `sar` tool to report on system usage



Installing Sysstat



Using Additional Tools



Reporting Using sar



Installing sysstat



```
# yum install -y sysstat
```

```
# cat /etc/cron.d/sysstat
```

```
# cat /etc/sysconfig/sysstat
```

```
# systemctl enable sysstat
```

```
# systemctl start sysstat
```



Additional Tools



```
# iostat -m 5 3
```

```
# pidstat -p $$
```

```
# mpstat -P ALL
```



System Activity Reports



```
/var/log/sa/
```

```
# sar -u (CPU)
```

```
# sar -r (Memory)
```

```
# sar -q (Load Averages)
```

```
# sar -n DEV (Network)
```

```
# sar -s 14:00:00 - e 15:00:00
```

```
# sar -f /var/log/sa/sa15
```



Next Up: Managing Shared Libraries

