

---

```

phbytwrite          0
recmoreads          0
sfiletrkreads      0
contamwrts         0
PPRCtrks           0
NVSSpalllo         0
timephread         90
timephwrite        0
byteread           0
bytewrit           0
timeread           0
timewrite          0
zHPFRead           0
zHPFWrite          0
zHPFPrefetchReq    0
zHPFPrefetchHit    0
GMCollisionsSidefileCount 0
GMCollisionsSendSyncCount 0

```

---

Example 12-72 shows an example of the output of the **showrank** command. This command generates two types of reports. One report displays the detailed properties of a specified rank, and the other report displays the performance metrics of a specified rank by using the **-metrics** parameter.

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*Example 12-72 Metrics for a specific rank*

---

```

dscli> showrank -metrics R0
ID                R0
Date              10/10/2019 14:32:46 CEST
byteread          8175947
bytewrit          29508105
Reads             17783022
Writes            17946281
timeread          1105024
timewrite         19434052
dataencrypted     yes
timeload          8206273
dscli>

```

---

Example 12-73 shows an example of the **showioport** command. This command shows the properties of a specified I/O port and the performance metrics by using the **-metrics** parameter. Monitoring the I/O ports is one of the most important tasks of the system administrator. The I/O port is where the HBAs, SAN, and DS8900F exchange information. If one of these components has problems because of hardware or configuration issues, all of the other components are affected.

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*Example 12-73 Metrics for a specific 32 Gbps I/O port*

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```

dscli> showioport -metrics I0032
ID                I0032
Date              10/12/2019 09:33:38 CEST
byteread (FICON/ESCON) 0
bytewrit (FICON/ESCON) 0
Reads (FICON/ESCON)    0
Writes (FICON/ESCON)   0
timeread (FICON/ESCON) 0

```