

MIB Variables Supported by CRI [A]

This appendix lists the management information base (MIB) variables that CRI supports for the Simple Network Management Protocol (SNMP).

Note: SNMP is not part of the Cray ML-Safe configuration of the UNICOS system.

A.1 System Group

CRI supports the following system group (1.3.6.1.2.1.1) variables:

```
sysContact  
sysDescr  
sysLocation  
sysName  
sysObjectID  
sysServices  
sysUpTime
```

A.2 Interface Group

CRI supports the following interface group (1.3.6.1.2.1.2) variables:

```
ifAdminStatus  
ifDescr  
ifInDiscards  
ifInErrors  
ifInNUcastPkts  
ifInOctets  
ifInUcastPkts  
ifInUnknownProtos  
ifIndex  
ifLastChange  
ifMtu  
ifNumber  
ifOperStatus  
ifOutDiscards
```

```
ifOutErrors
ifOutNUcastPkts
ifOutOctets
ifOutQLen
ifOutUcastPkts
ifPhysAddress
ifSpecific
ifSpeed
ifType
```

A.3 Address Translation Group

CRI supports the following address translation group (1.3.6.1.2.1.3) variables:

```
atIfIndex
atNetAddress
atPhysAddress
```

A.4 IP Group

CRI supports the following IP group (1.3.6.1.2.1.4) variables:

```
ipAdEntAddr
ipAdEntBcastAddr
ipAdEntIfIndex
ipAdEntNetMask
ipAdEntReasmMaxSize
ipDefaultTTL
ipForwDatagrams
ipForwarding
ipFragCreates
ipFragFails
ipFragOKs
ipInAddrErrors
ipInDelivers
ipInDiscards
ipInHdrErrors
ipInReceives
ipInUnknownProtos
ipNetToMediaIfIndex
ipNetToMediaNetAddress
ipNetToMediaPhysAddress
```

ipNetToMediaType
ipOutDiscards
ipOutNoRoutes
ipOutRequests
ipReasmFails
ipReasmOKs
ipReasmReqds
ipReasmTimeout
ipRouteAge
ipRouteDest
ipRouteIfIndex
ipRouteInfo
ipRouteMask
ipRouteMetric1
ipRouteMetric2
ipRouteMetric3
ipRouteMetric4
ipRouteMetric5
ipRouteNextHop
ipRouteProto
ipRouteType
ipRoutingDiscards

A.5 ICMP Group

CRI supports the following ICMP group (1.3.6.1.2.1.5) variables:

icmpInAddrMaskReps
icmpInAddrMasks
icmpInDestUnreachs
icmpInEchoReps
icmpInEchos
icmpInErrors
icmpInMsgs
icmpInParmProbs
icmpInRedirects
icmpInSrcQuenchs
icmpInTimeExcds
icmpInTimestampReps
icmpInTimestamps
icmpOutAddrMaskReps
icmpOutAddrMasks

```
icmpOutDestUnreachs  
icmpOutEchoReps  
icmpOutEchos  
icmpOutErrors  
icmpOutMsgs  
icmpOutParmProbs  
icmpOutRedirects  
icmpOutSrcQuenchs  
icmpOutTimeExcds  
icmpOutTimestampReps  
icmpOutTimestamps
```

A.6 TCP Group

CRI supports the following TCP group (1.3.6.1.2.1.6) variables:

```
tcpActiveOpens  
tcpAttemptFails  
tcpConnLocalAddress  
tcpConnLocalPort  
tcpConnRemAddress  
tcpConnRemPort  
tcpConnState
```

Note: CRI does not support the set operation on `tcpConnState`.

```
tcpCurrEstab  
tcpEstabResets  
tcpInErrs  
tcpInSegs  
tcpMaxConn  
tcpOutRsts  
tcpOutSegs  
tcpPassiveOpens  
tcpRetransSegs  
tcpRtoAlgorithm  
tcpRtoMax  
tcpRtoMin
```

A.7 UDP Group

CRI supports the following UDP group (1.3.6.1.2.1.7) variables:

udpInDatagrams
udpInErrors
udpLocalAddress
udpLocalPort
udpNoPorts
udpOutDatagrams

A.8 SNMP Group

CRI supports the following SNMP group (1.3.6.1.2.1.8) variables:

snmpEnableAuthenTraps
snmpInASNParseErrs
snmpInBadCommunityNames
snmpInBadCommunityUses
snmpInBadValues
snmpInBadVersions
snmpInGenErrs
snmpInGetNexts
snmpInGetRequests
snmpInGetResponses
snmpInNoSuchNames
snmpInPkts
snmpInReadOnlys
snmpInSetRequests
snmpInTooBig
snmpInTotalReqVars
snmpInTotalSetVars
snmpInTraps
snmpOutBadValues
snmpOutGenErrs
snmpOutGetNexts
snmpOutGetRequests
snmpOutGetResponses
snmpOutNoSuchNames
snmpOutPkts
snmpOutSetRequests
snmpOutTooBig
snmpOutTraps

