

F5 SNMP useful OIDs to monitor

SNMP polling Monitoring

You can use Simple Network Management Protocol (SNMP) to query and monitor all BIG-IP platforms for chassis fan speed, chassis temperature, CPU fan speed, CPU temperature, and power supply status.

You can use SNMP polling to obtain this information by importing the F5 management information base (MIB) file, **F5-BIGIP-SYSTEM-MIB.txt**, into your SNMP polling device and configuring the BIG-IP SNMP agent to allow access from the polling device.

The best way to test the different MIB OIDs you can do this as root user on the F5 locally.

The following describes common OIDs used for best practice monitoring.

System Monitoring

Check the **F5-BIGIP-SYSTEM-MIB** on oidview.com

For standard system values use the UCD-SNMP-MIB here:

Check the **UCD-SNMP-MIB** on oidview.com

ssCpuSystem

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 ssCpuSystem  
ssCpuSystem.0 = INTEGER: 9
```

ssCpuUser

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 ssCpuUser  
ssCpuUser.0 = INTEGER: 16
```

memAvailSwap

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 memAvailSwap  
memAvailSwap.0 = INTEGER: 1023996 kB
```

sysPlatformInfo

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysPlatformInfo  
sysPlatformInfoName.0 = STRING: C113  
sysPlatformInfoMarketingName.0 = STRING: BIG-IP 4000
```

sysGeneral

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysGeneral  
sysGeneralHwName.0 = STRING: C113  
sysGeneralHwNumber.0 = STRING: deprecated  
sysGeneralChassisSerialNum.0 = STRING: f5-abcd-efgh
```

sysProduct

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysProduct  
sysProductName.0 = STRING: BIG-IP  
sysProductVersion.0 = STRING: 15.1.0.2  
sysProductBuild.0 = STRING: 0.9.9  
sysProductEdition.0 = STRING: Engineering Hotfix  
sysProductDate.0 = STRING: Wed Apr 1 15:44:08 PDT 2020  
sysProductHotfix.0 = STRING: deprecated
```

sysCmSyncStatusColor

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysCmSyncStatusColor
sysCmSyncStatusColor.0 = INTEGER: red(2)
```

sysCmFailoverStatusId

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysCmFailoverStatus
sysCmFailoverStatusId.0 = INTEGER: standby(3)
sysCmFailoverStatusStatus.0 = STRING: STANDBY
sysCmFailoverStatusColor.0 = INTEGER: gray(4)
sysCmFailoverStatusSummary.0 = STRING: 1/1 standby
```

Possible values

Value	Failover status	Description
0	unknown	The failover status of the device is unknown
1	offline	The device is offline
2	forcedOffline	The device is forced offline
3	standby	The device is standby
4	active	The device is active

sysInterfaceStat

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysInterfaceStat
sysInterfaceStatResetStats.0 = INTEGER: 0
sysInterfaceStatNumber.0 = INTEGER: 11
sysInterfaceStatName."1.1" = STRING: 1.1
sysInterfaceStatName."1.2" = STRING: 1.2
sysInterfaceStatName."1.3" = STRING: 1.3
sysInterfaceStatName."1.4" = STRING: 1.4
sysInterfaceStatName."1.5" = STRING: 1.5
sysInterfaceStatName."1.6" = STRING: 1.6
sysInterfaceStatName."1.7" = STRING: 1.7
```

sysInterfaceStatName."1.8" = STRING: 1.8
sysInterfaceStatName."2.1" = STRING: 2.1
sysInterfaceStatName."2.2" = STRING: 2.2
sysInterfaceStatName."mgmt" = STRING: mgmt
sysInterfaceStatPktsIn."1.1" = Counter64: 0
sysInterfaceStatPktsIn."1.2" = Counter64: 0
sysInterfaceStatPktsIn."1.3" = Counter64: 0
sysInterfaceStatPktsIn."1.4" = Counter64: 0
sysInterfaceStatPktsIn."1.5" = Counter64: 0
sysInterfaceStatPktsIn."1.6" = Counter64: 0
sysInterfaceStatPktsIn."1.7" = Counter64: 0
sysInterfaceStatPktsIn."1.8" = Counter64: 0
sysInterfaceStatPktsIn."2.1" = Counter64: 511394733
sysInterfaceStatPktsIn."2.2" = Counter64: 633106223
sysInterfaceStatPktsIn."mgmt" = Counter64: 361514396
sysInterfaceStatBytesIn."1.1" = Counter64: 0
sysInterfaceStatBytesIn."1.2" = Counter64: 0
sysInterfaceStatBytesIn."1.3" = Counter64: 0
sysInterfaceStatBytesIn."1.4" = Counter64: 0
sysInterfaceStatBytesIn."1.5" = Counter64: 0
sysInterfaceStatBytesIn."1.6" = Counter64: 0
sysInterfaceStatBytesIn."1.7" = Counter64: 0
sysInterfaceStatBytesIn."1.8" = Counter64: 0
sysInterfaceStatBytesIn."2.1" = Counter64: 501710178927
sysInterfaceStatBytesIn."2.2" = Counter64: 633330429177
sysInterfaceStatBytesIn."mgmt" = Counter64: 91126105221
sysInterfaceStatPktsOut."1.1" = Counter64: 0
sysInterfaceStatPktsOut."1.2" = Counter64: 0
sysInterfaceStatPktsOut."1.3" = Counter64: 0
sysInterfaceStatPktsOut."1.4" = Counter64: 0
sysInterfaceStatPktsOut."1.5" = Counter64: 0
sysInterfaceStatPktsOut."1.6" = Counter64: 0
sysInterfaceStatPktsOut."1.7" = Counter64: 0
sysInterfaceStatPktsOut."1.8" = Counter64: 0
sysInterfaceStatPktsOut."2.1" = Counter64: 638707789
sysInterfaceStatPktsOut."2.2" = Counter64: 315266099
sysInterfaceStatPktsOut."mgmt" = Counter64: 316267064
sysInterfaceStatBytesOut."1.1" = Counter64: 0
sysInterfaceStatBytesOut."1.2" = Counter64: 0

sysInterfaceStatBytesOut."1.3" = Counter64: 0
sysInterfaceStatBytesOut."1.4" = Counter64: 0
sysInterfaceStatBytesOut."1.5" = Counter64: 0
sysInterfaceStatBytesOut."1.6" = Counter64: 0
sysInterfaceStatBytesOut."1.7" = Counter64: 0
sysInterfaceStatBytesOut."1.8" = Counter64: 0
sysInterfaceStatBytesOut."2.1" = Counter64: 461651628476
sysInterfaceStatBytesOut."2.2" = Counter64: 172002545859
sysInterfaceStatBytesOut."mgmt" = Counter64: 83258425569
sysInterfaceStatMcastIn."1.1" = Counter64: 0
sysInterfaceStatMcastIn."1.2" = Counter64: 0
sysInterfaceStatMcastIn."1.3" = Counter64: 0
sysInterfaceStatMcastIn."1.4" = Counter64: 0
sysInterfaceStatMcastIn."1.5" = Counter64: 0
sysInterfaceStatMcastIn."1.6" = Counter64: 0
sysInterfaceStatMcastIn."1.7" = Counter64: 0
sysInterfaceStatMcastIn."1.8" = Counter64: 0
sysInterfaceStatMcastIn."2.1" = Counter64: 453903
sysInterfaceStatMcastIn."2.2" = Counter64: 437413
sysInterfaceStatMcastIn."mgmt" = Counter64: 29089469
sysInterfaceStatMcastOut."1.1" = Counter64: 0
sysInterfaceStatMcastOut."1.2" = Counter64: 0
sysInterfaceStatMcastOut."1.3" = Counter64: 0
sysInterfaceStatMcastOut."1.4" = Counter64: 0
sysInterfaceStatMcastOut."1.5" = Counter64: 0
sysInterfaceStatMcastOut."1.6" = Counter64: 0
sysInterfaceStatMcastOut."1.7" = Counter64: 0
sysInterfaceStatMcastOut."1.8" = Counter64: 0
sysInterfaceStatMcastOut."2.1" = Counter64: 17297
sysInterfaceStatMcastOut."2.2" = Counter64: 17271
sysInterfaceStatMcastOut."mgmt" = Counter64: 48
sysInterfaceStatErrorsIn."1.1" = Counter64: 0
sysInterfaceStatErrorsIn."1.2" = Counter64: 0
sysInterfaceStatErrorsIn."1.3" = Counter64: 0
sysInterfaceStatErrorsIn."1.4" = Counter64: 0
sysInterfaceStatErrorsIn."1.5" = Counter64: 0
sysInterfaceStatErrorsIn."1.6" = Counter64: 0
sysInterfaceStatErrorsIn."1.7" = Counter64: 0
sysInterfaceStatErrorsIn."1.8" = Counter64: 0

sysInterfaceStatErrorsIn."2.1" = Counter64: 3610
sysInterfaceStatErrorsIn."2.2" = Counter64: 0
sysInterfaceStatErrorsIn."mgmt" = Counter64: 0
sysInterfaceStatErrorsOut."1.1" = Counter64: 0
sysInterfaceStatErrorsOut."1.2" = Counter64: 0
sysInterfaceStatErrorsOut."1.3" = Counter64: 0
sysInterfaceStatErrorsOut."1.4" = Counter64: 0
sysInterfaceStatErrorsOut."1.5" = Counter64: 0
sysInterfaceStatErrorsOut."1.6" = Counter64: 0
sysInterfaceStatErrorsOut."1.7" = Counter64: 0
sysInterfaceStatErrorsOut."1.8" = Counter64: 0
sysInterfaceStatErrorsOut."2.1" = Counter64: 0
sysInterfaceStatErrorsOut."2.2" = Counter64: 0
sysInterfaceStatErrorsOut."mgmt" = Counter64: 0
sysInterfaceStatDropsIn."1.1" = Counter64: 0
sysInterfaceStatDropsIn."1.2" = Counter64: 0
sysInterfaceStatDropsIn."1.3" = Counter64: 0
sysInterfaceStatDropsIn."1.4" = Counter64: 0
sysInterfaceStatDropsIn."1.5" = Counter64: 0
sysInterfaceStatDropsIn."1.6" = Counter64: 0
sysInterfaceStatDropsIn."1.7" = Counter64: 0
sysInterfaceStatDropsIn."1.8" = Counter64: 0
sysInterfaceStatDropsIn."2.1" = Counter64: 58
sysInterfaceStatDropsIn."2.2" = Counter64: 87
sysInterfaceStatDropsIn."mgmt" = Counter64: 0
sysInterfaceStatDropsOut."1.1" = Counter64: 0
sysInterfaceStatDropsOut."1.2" = Counter64: 0
sysInterfaceStatDropsOut."1.3" = Counter64: 0
sysInterfaceStatDropsOut."1.4" = Counter64: 0
sysInterfaceStatDropsOut."1.5" = Counter64: 0
sysInterfaceStatDropsOut."1.6" = Counter64: 0
sysInterfaceStatDropsOut."1.7" = Counter64: 0
sysInterfaceStatDropsOut."1.8" = Counter64: 0
sysInterfaceStatDropsOut."2.1" = Counter64: 0
sysInterfaceStatDropsOut."2.2" = Counter64: 0
sysInterfaceStatDropsOut."mgmt" = Counter64: 0
sysInterfaceStatCollisions."1.1" = Counter64: 0
sysInterfaceStatCollisions."1.2" = Counter64: 0
sysInterfaceStatCollisions."1.3" = Counter64: 0

sysInterfaceStatCollisions."1.4" = Counter64: 0
sysInterfaceStatCollisions."1.5" = Counter64: 0
sysInterfaceStatCollisions."1.6" = Counter64: 0
sysInterfaceStatCollisions."1.7" = Counter64: 0
sysInterfaceStatCollisions."1.8" = Counter64: 0
sysInterfaceStatCollisions."2.1" = Counter64: 0
sysInterfaceStatCollisions."2.2" = Counter64: 0
sysInterfaceStatCollisions."mgmt" = Counter64: 0
sysInterfaceStatQqIn."1.1" = Counter64: 0
sysInterfaceStatQqIn."1.2" = Counter64: 0
sysInterfaceStatQqIn."1.3" = Counter64: 0
sysInterfaceStatQqIn."1.4" = Counter64: 0
sysInterfaceStatQqIn."1.5" = Counter64: 0
sysInterfaceStatQqIn."1.6" = Counter64: 0
sysInterfaceStatQqIn."1.7" = Counter64: 0
sysInterfaceStatQqIn."1.8" = Counter64: 0
sysInterfaceStatQqIn."2.1" = Counter64: 0
sysInterfaceStatQqIn."2.2" = Counter64: 0
sysInterfaceStatQqIn."mgmt" = Counter64: 0
sysInterfaceStatQqOut."1.1" = Counter64: 0
sysInterfaceStatQqOut."1.2" = Counter64: 0
sysInterfaceStatQqOut."1.3" = Counter64: 0
sysInterfaceStatQqOut."1.4" = Counter64: 0
sysInterfaceStatQqOut."1.5" = Counter64: 0
sysInterfaceStatQqOut."1.6" = Counter64: 0
sysInterfaceStatQqOut."1.7" = Counter64: 0
sysInterfaceStatQqOut."1.8" = Counter64: 0
sysInterfaceStatQqOut."2.1" = Counter64: 0
sysInterfaceStatQqOut."2.2" = Counter64: 0
sysInterfaceStatQqOut."mgmt" = Counter64: 0
sysInterfaceStatPauseActive."1.1" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.2" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.3" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.4" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.5" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.6" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.7" = INTEGER: none(0)
sysInterfaceStatPauseActive."1.8" = INTEGER: none(0)
sysInterfaceStatPauseActive."2.1" = INTEGER: none(0)

```
sysInterfaceStatPauseActive."2.2" = INTEGER: none(0)
sysInterfaceStatPauseActive."mgmt" = INTEGER: none(0)
```

sysChassisFanSpeed

```
# snmpwalk -On -c public -v 2c 127.0.0.1 sysChassisFanSpeed
.1.3.6.1.4.1.3375.2.1.3.2.1.2.1.3.1 = Gauge32: 2906
.1.3.6.1.4.1.3375.2.1.3.2.1.2.1.3.2 = Gauge32: 2903
.1.3.6.1.4.1.3375.2.1.3.2.1.2.1.3.3 = Gauge32: 2905
.1.3.6.1.4.1.3375.2.1.3.2.1.2.1.3.4 = Gauge32: 2909
```

sysChassisFanStatus

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysChassisFanStatus
sysChassisFanStatus.1 = INTEGER: good(1)
sysChassisFanStatus.2 = INTEGER: good(1)
sysChassisFanStatus.3 = INTEGER: good(1)
sysChassisFanStatus.4 = INTEGER: good(1)
```

sysChassisTempTemperature

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysChassisTempTemperature
sysChassisTempTemperature.1 = INTEGER: 28
sysChassisTempTemperature.2 = INTEGER: 28
sysChassisTempTemperature.3 = INTEGER: 33
sysChassisTempTemperature.4 = INTEGER: 33
sysChassisTempTemperature.5 = INTEGER: 35
```

sysMultiHostCpuUsageRatio1m

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysMultiHostCpuUsageRatio1m
sysMultiHostCpuUsageRatio1m."0".1 = Gauge32: 21
sysMultiHostCpuUsageRatio1m."0".2 = Gauge32: 11
sysMultiHostCpuUsageRatio1m."0".3 = Gauge32: 20
sysMultiHostCpuUsageRatio1m."0".4 = Gauge32: 10
```



```
sysMultiHostCpuUsageRatio1m."0".5 = Gauge32: 20
sysMultiHostCpuUsageRatio1m."0".6 = Gauge32: 9
sysMultiHostCpuUsageRatio1m."0".7 = Gauge32: 21
sysMultiHostCpuUsageRatio1m."0".8 = Gauge32: 8
```

sysCpuSensorTemperature

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysCpuSensorTemperature
sysCpuSensorTemperature.0.1 = INTEGER: 40
```

sysChassisPowerSupply

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysChassisPowerSupply
sysChassisPowerSupplyNumber.0 = INTEGER: 2
sysChassisPowerSupplyIndex.1 = INTEGER: 1
sysChassisPowerSupplyIndex.2 = INTEGER: 2
sysChassisPowerSupplyStatus.1 = INTEGER: good(1)
sysChassisPowerSupplyStatus.2 = INTEGER: good(1)
```

sysHostDisk

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysHostDisk
sysHostDiskNumber.0 = INTEGER: 7
sysHostDiskPartition."/ = STRING: /
sysHostDiskPartition."/usr" = STRING: /usr
sysHostDiskPartition."/var" = STRING: /var
sysHostDiskPartition."/config" = STRING: /config
sysHostDiskPartition."/shared" = STRING: /shared
sysHostDiskPartition."/var/log" = STRING: /var/log
sysHostDiskPartition."/var/named/lib" = STRING: /var/named/lib
sysHostDiskBlockSize."/ = Gauge32: 1024
sysHostDiskBlockSize."/usr" = Gauge32: 4096
sysHostDiskBlockSize."/var" = Gauge32: 4096
sysHostDiskBlockSize."/config" = Gauge32: 4096
sysHostDiskBlockSize."/shared" = Gauge32: 4096
sysHostDiskBlockSize."/var/log" = Gauge32: 4096
```

```
sysHostDiskBlockSize."/var/named/lib" = Gauge32: 4096
sysHostDiskTotalBlocks."/\" = Gauge32: 436342
sysHostDiskTotalBlocks."/usr\" = Gauge32: 1329430
sysHostDiskTotalBlocks."/var\" = Gauge32: 774084
sysHostDiskTotalBlocks."/config\" = Gauge32: 817398
sysHostDiskTotalBlocks."/shared\" = Gauge32: 7740927
sysHostDiskTotalBlocks."/var/log\" = Gauge32: 1806206
sysHostDiskTotalBlocks."/var/named/lib\" = Gauge32: 774084
sysHostDiskFreeBlocks."/\" = Gauge32: 332153
sysHostDiskFreeBlocks."/usr\" = Gauge32: 175742
sysHostDiskFreeBlocks."/var\" = Gauge32: 524514
sysHostDiskFreeBlocks."/config\" = Gauge32: 685184
sysHostDiskFreeBlocks."/shared\" = Gauge32: 5838338
sysHostDiskFreeBlocks."/var/log\" = Gauge32: 1655811
sysHostDiskFreeBlocks."/var/named/lib\" = Gauge32: 524514
sysHostDiskTotalNodes."/\" = Gauge32: 112640
sysHostDiskTotalNodes."/usr\" = Gauge32: 338016
sysHostDiskTotalNodes."/var\" = Gauge32: 196608
sysHostDiskTotalNodes."/config\" = Gauge32: 208000
sysHostDiskTotalNodes."/shared\" = Gauge32: 3932160
sysHostDiskTotalNodes."/var/log\" = Gauge32: 917504
sysHostDiskTotalNodes."/var/named/lib\" = Gauge32: 196608
sysHostDiskFreeNodes."/\" = Gauge32: 108477
sysHostDiskFreeNodes."/usr\" = Gauge32: 255550
sysHostDiskFreeNodes."/var\" = Gauge32: 185620
sysHostDiskFreeNodes."/config\" = Gauge32: 207166
sysHostDiskFreeNodes."/shared\" = Gauge32: 3931572
sysHostDiskFreeNodes."/var/log\" = Gauge32: 917120
sysHostDiskFreeNodes."/var/named/lib\" = Gauge32: 185620
```

sysSoftwareStatus

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 sysSoftwareStatus
sysSwStatusNumber.0 = INTEGER: 3
sysSwStatusSlotId.0."HD1.1" = INTEGER: 0
sysSwStatusSlotId.0."HD1.2" = INTEGER: 0
sysSwStatusSlotId.0."HD1.3" = INTEGER: 0
sysSwStatusVolume.0."HD1.1" = STRING: HD1.1
```

```
sysSwStatusVolume.0."HD1.2" = STRING: HD1.2
sysSwStatusVolume.0."HD1.3" = STRING: HD1.3
sysSwStatusProduct.0."HD1.1" = STRING: BIG-IP
sysSwStatusProduct.0."HD1.2" = STRING: BIG-IP
sysSwStatusProduct.0."HD1.3" = STRING: BIG-IP
sysSwStatusVersion.0."HD1.1" = STRING: 13.1.3
sysSwStatusVersion.0."HD1.2" = STRING: 15.1.0.2
sysSwStatusVersion.0."HD1.3" = STRING: 15.1.0.2
sysSwStatusBuild.0."HD1.1" = STRING: 0.0.6
sysSwStatusBuild.0."HD1.2" = STRING: 0.0.9
sysSwStatusBuild.0."HD1.3" = STRING: 0.9.9
sysSwStatusActive.0."HD1.1" = INTEGER: false(0)
sysSwStatusActive.0."HD1.2" = INTEGER: false(0)
sysSwStatusActive.0."HD1.3" = INTEGER: true(1)
```

Local Traffic Manager (LTM)

Info

Check **F5-BIGIP-LOCAL-MIB** in oidview.com

ItmPoolMemberNodeName

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 ItmPoolMemberNodeName
ItmPoolMemberNodeName."/Common/pool_app1.domain.ch_80"."/Common/host1.domain.ch".80 = STRING:
/Common/host1.domain.ch
ItmPoolMemberNodeName."/Common/pool_app1.domain.ch_80"."/Common/host2.domain.ch".80 = STRING:
/Common/host2.domain.ch
ItmPoolMemberNodeName."/Common/pool_app2.domain.ch_80"."/Common/host3.domain.ch".80 = STRING:
/Common/host3.domain.ch
ItmPoolMemberNodeName."/Common/pool_app2.domain.ch_80"."/Common/host4.domain.ch".80 = STRING:
/Common/host4.domain.ch
ItmPoolMemberNodeName."/Common/pool_app3.domain.ch_80"."/Common/host5.domain.ch".80 = STRING:
/Common/host5.domain.ch
ItmPoolMemberNodeName."/Common/pool_app3.domain.ch_80"."/Common/host6.domain.ch".80 = STRING:
/Common/host6.domain.ch
...
ItmNodeAddrStatServerCurConns
```

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 ItmNodeAddrStatServerCurConns
ItmNodeAddrStatServerCurConns."/Common/host1.domain.ch" = Gauge32: 0
ItmNodeAddrStatServerCurConns."/Common/host2.domain.ch" = Gauge32: 5515
ItmNodeAddrStatServerCurConns."/Common/host3.domain.ch" = Gauge32: 300
ItmNodeAddrStatServerCurConns."/Common/host4.domain.ch" = Gauge32: 300
ItmNodeAddrStatServerCurConns."/Common/host5.domain.ch" = Gauge32: 4
...
```

ItmPoolMemberMonitorStatus

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 ItmPoolMemberMonitorStatus
ItmPoolMemberMonitorStatus."/Common/pool_app1.domain.ch_80"."/Common/host1.domain.ch".80 = INTEGER:
up(4)
ItmPoolMemberMonitorStatus."/Common/pool_app1.domain.ch_80"."/Common/host2.domain.ch".80 = INTEGER:
up(4)
ItmPoolMemberMonitorStatus."/Common/pool_app2.domain.ch_80"."/Common/host3.domain.ch".80 = INTEGER:
up(4)
ItmPoolMemberMonitorStatus."/Common/pool_app2.domain.ch_80"."/Common/host4.domain.ch".80 = INTEGER:
up(4)
ItmPoolMemberMonitorStatus."/Common/pool_app3.domain.ch_pop3"."/Common/host5.domain.ch".110 =
INTEGER: addrDown(18)
...
```

Access Policy Manager (APM)

Info

Check **F5-BIGIP-APM-MIB** in oidview.com

apmPaStatCurrentActiveSessions

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 apmPaStatCurrentActiveSessions
apmPaStatCurrentActiveSessions."access"."_listener" = Counter64: 0
apmPaStatCurrentActiveSessions."_tmm_apm_acl"."_tmm_apm_fwd_vip_http" = Counter64: 0
apmPaStatCurrentActiveSessions."_tmm_apm_acl"."_tmm_apm_fwd_vip_http_ipv6" = Counter64: 0
```

```
apmPaStatCurrentActiveSessions."/Common/access". "_listener" = Counter64: 0
apmPaStatCurrentActiveSessions."/Common/webtop_test". "_listener" = Counter64: 5
apmPaStatCurrentActiveSessions."/Common/webtop_test". "/Common/webtop_test_vs" = Counter64: 5
...
```

apmPaStatCurrentPendingSessions

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 apmPaStatCurrentPendingSessions
apmPaStatCurrentPendingSessions."access". "_listener" = Counter64: 0
apmPaStatCurrentPendingSessions."_tmm_apm_acl". "_tmm_apm_fwd_vip_http" = Counter64: 0
apmPaStatCurrentPendingSessions."_tmm_apm_acl". "_tmm_apm_fwd_vip_http_ipv6" = Counter64: 0
apmPaStatCurrentPendingSessions."/Common/access". "_listener" = Counter64: 0
apmPaStatCurrentPendingSessions."/Common/webtop_test". "_listener" = Counter64: 5
apmPaStatCurrentPendingSessions."/Common/webtop_test". "/Common/webtop_test_vs" = Counter64: 5
...
```

apmPaStatCurrentCompletedSessions

```
# snmpwalk -Ons -c public -v 2c 127.0.0.1 apmPaStatCurrentCompletedSessions
apmPaStatCurrentCompletedSessions."access". "_listener" = Counter64: 0
apmPaStatCurrentCompletedSessions."_tmm_apm_acl". "_tmm_apm_fwd_vip_http" = Counter64: 0
apmPaStatCurrentCompletedSessions."_tmm_apm_acl". "_tmm_apm_fwd_vip_http_ipv6" = Counter64: 0
apmPaStatCurrentCompletedSessions."/Common/access". "_listener" = Counter64: 0
apmPaStatCurrentCompletedSessions."/Common/webtop_test". "_listener" = Counter64: 5
apmPaStatCurrentCompletedSessions."/Common/webtop_test". "/Common/webtop_test_vs" = Counter64: 5
...
```

Links

- [K4026: BIG-IP platforms support SNMP monitoring for chassis fan speed, chassis temperature, CPU temperature, and power supply status](#)
 - [K14399: Determining the failover status of a BIG-IP system using SNMP \(11.2.0 and later\)](#)
 - [K13322: Overview of BIG-IP MIB files](#)
-

Revision #7

Created 17 March 2021 05:31:33

Updated 19 October 2023 09:18:51 by Peter Baumann