

WLMDEF Sample WLM Service Definition

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WLMDEF Sample WLM Service Definition

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Sample WLM Service Definition

Functionality Level: LEVEL011

[Overview](#)

- 6 workloads
- 53 service classes
- 1 resource group
- 1 service policy

- 12 classification groups
- 17 subsystem types
- 68 report classes
- 6 application environments
- 4 scheduling environments
- 3 resources

Service Coefficients

CPU 1.0
 IOC 0.5
 MSO 0.0000
 SRB 1.0

Service Definition Options

I/O priority management Yes
 Dynamic alias tuning management No

Workload and Service Class Descriptions

| Workload | Description |
|-----------------|------------------------|
| BAT_WKL | batch workloads |
| DB_WKL | database workloads |
| OMVS_WKL | open MVS workloads |
| ONL_WKL | online workloads |
| STC_WKL | started task workloads |
| TSO_WKL | tso workloads |

| Service Class | Description |
|----------------------|-----------------------|
| ASCHDEF | ASCH/APPC default |
| ASCHHI | APPC high priority |
| ASCHLO | APPC low priority |
| BATHI | high priority batch |
| BATLO | low priority batch |
| BATMED | medium priority batch |

| | |
|----------|----------------------------------|
| CBBERWW | Websphere very hi priority |
| CBCICS | Websphere cics work |
| CBDEF | Component Broker Default |
| CBENCLAV | Websphere enclave work |
| CBHI | Websphere high priority |
| CBLO | Websphere low priority |
| CBTRD2 | Websphere trade trans |
| CICSCONV | CICS conversational trans |
| CICSDEF | CICS Default trans |
| CICSHI | CICS high priority trans |
| CICSLO | CICS low priority trans |
| DB2PQDEF | DB2 parallel enclaves |
| DB2PQENC | DB2 parallel enclaves |
| DB2PQTSO | DB2 parallel enclaves |
| DDFDEF | DDF Default |
| DDFHI | DDF high priority |
| DDFLO | DDF low priority |
| IMSDEF | IMS Default |
| IMSHI | IMS high priority |
| IMSLO | IMS low priority |
| LIMIT | Limit resource consumption |
| MQDEF | Default MQ series workflow |
| MQEXE | MQ Workflow Execution Server |
| MQPES | MQ Workflow Pgm Execution Server |
| NETVAUTO | netview automation tasks |
| NETVNRK | netview network tasks |
| OMVS | OMVSKERN forked/spawned |
| OPSDEF | default systems work |
| OPSHI | high priority systems work |
| OPSLO | low priority systems work |
| ORACLES | Oracle default |
| ORAMT1 | Oracle tier 1 |
| ORAMT2 | Oracle tier 2 |
| ORAMT3 | Oracle tier 3 |
| SAPDEF | SAP Default |
| SAPHI | SAP high priority |
| SAPLO | low priority SAP |
| | |

| | |
|---------|------------------------------|
| SAPMED | medium priority SAP batch |
| SPECIAL | special priority/emergency |
| TSO | TSO user community |
| TSOTECH | Tech support staff |
| TZITRD2 | Websphere trade low priority |
| UNCLASS | any unclassified work |
| UNIX | UNIX forked/spawned trans |
| WEBDEF | WEB Default |
| WEBHI | WEB high priority |
| WEBLO | WEB low priority |

Report Classes

| Report Class | Description |
|--------------|-------------------------------|
| RACCTRCV | account receivables |
| RADMIN | Report Class For WAS Admin |
| RBATCEO | CEO's batch work |
| RCBBERW | |
| RCBCICS | |
| RCBDEF | WAS default report class |
| RCBIVP1 | |
| RCBLO | |
| RCBN | WAS report class CBN instance |
| RCBSTC | component broker report class |
| RCBTRD | |
| RCBTRD2 | |
| RCICCEMT | CICS cemt trans |
| RCICEXCI | CICS exci trans |
| RCICSDEF | default cics work |
| RCICSFIN | Finance Dept |
| RCICSQAL | CICS quality assurance trans |
| RCICTRAN | other cics trans |
| RCONVER | conversational tasks |
| RDB2U | unclassified DB2 tasks |
| RDDFDBCP | DDF DB2P* subsys instance |

| | |
|-----------|----------------------------------|
| RDDFDEF | default for ddf |
| RFTP | FTP report class |
| RLOWCASE | lowercase sensitive transactions |
| RLSFMU | unclassified Lan Server work |
| RLU12345 | DFD VTAM LU logon |
| RMQEXE | |
| RMQPES | |
| RMQSTC | MQ Services started tasks |
| RMQU | unclassified MQ work |
| RNETV | default netview report class |
| RORCLSYS | |
| RPAYT | DDF test payroll work |
| RPCCLASS1 | WAS report class |
| RPDBSTCS | report class for database STC's |
| RPRODBAT | high priority production batch |
| RPRODONL | prod online work |
| RSAPBAT | SAP Batch trans |
| RSAPENQ | SAP Enqueue trans |
| RSAPGEN | SAP Generic trans |
| RSAPGRP2 | SAP second group rules |
| RSAPSPL | SAP Spool trans |
| RSAPUNC | Unclassified SAP R3 |
| RSAPUNK | SAP unknown trans |
| RSAPUPD | SAP Update trans |
| RSAPUPD2 | SAP Update2 trans |
| RSOMU | unclassified SOM work |
| RSPAS1 | Stored procedures report class |
| RSPECIAL | special task report class |
| RSTCDEF | default stc work(not classified) |
| RSTOR | storage backups |
| RSYSADM | DDF SYSADM work |
| RSYSHI | high priority system work |
| RSYSLO | low priority system work |
| RSYSMED | medium priority system work |
| RSYSSTC | started tasks (STC) report class |
| RSYSTEM | SYSTEM and STC classified tasks |
| RTCLASS2 | WAS report class 2 |
| | |

| | |
|----------|---------------------------------|
| RTCLASS3 | WAs report class 3 |
| RTDBSTCS | report class for test databases |
| RTESTONL | test onlines |
| RTSIVP2 | WAS report class TSIVP instance |
| RTSOCEO | ceo tso user id |
| RWEBCGI | WEB CGI's |
| RWEBFRCA | Fast Response Cache Accelerator |
| RWEBHTML | WEB HTML's |
| RWEBUSER | WEB's userid work |
| RWSIVP1 | WAS report class WSIVP instance |

Classification Groups

Table 1. Transaction Class Group PBAT_TNG

| | |
|--------------------|-----------------------------|
| A | JES class a production jobs |
| B | JES class b production jobs |
| C | JES class c production jobs |
| prod batch classes | |

Table 2. Transaction Class Group TBAT_TNG

| | |
|--------------------|-----------------------|
| X | JES class x test jobs |
| Y | JES class y test jobs |
| Z | JES class z test jobs |
| test batch classes | |

Table 3. Transaction Name Group PDBL_TNG

| | |
|-----------------------------|---------------------------|
| DB2P* | DB2 production regions |
| ADABAS* | ADABAS production regions |
| IDMS* | IDMS production regions |
| production Database systems | |

Table 4. Transaction Name Group PONL_TNG

| | |
|---------------------------|---------------------------------|
| CICSPSTC | CICS production region STC name |
| IMSP1* | IMS production region1 STC name |
| IMSP2* | IMS production region2 STC name |
| CICSQSTC | CICS QAL region STC name |
| production online systems | |

Table 5. Transaction Name Group STOR_TNG

| | |
|----------------------|----------------------------|
| DFHSM* | stc for HSM |
| ADSM* | stc for ADSM |
| USRBKUPS | stc for other user backups |
| storage backup tasks | |

Table 6. Transaction Name Group SYHI_TNG

| | |
|----------------------------|----------------------|
| CA* | CA tasks |
| MONITOR* | OEM monitoring tasks |
| OMEG* | OMEGAMON |
| SDSF | SDSF STC |
| high priority system tasks | |

Table 7. Transaction Name Group SYLO_TNG

| | |
|---------------------------|------------------------|
| PRINT* | printing processes |
| REPORT* | report generator tasks |
| low priority system tasks | |

Table 8. Transaction Name Group SYMD_TNG

| | |
|------------------------------|--------------------------|
| CUSTPGM* | customer programs |
| CUSTSTC | customer started tasks |
| SPECIFIC | customer specifics tasks |
| medium priority system tasks | |

Table 9. Transaction Name Group SYST_TNG

| | |
|--------------------------|--|
| PCAUTH | |
| TRACE | |
| SYSBMAS | |
| ANTAS000 | |
| JES2AUX | |
| PORTMAP | |
| NFS* | |
| VMCF | |
| NAMED | |
| ROUTED | |
| MISC SYSTEM tasks-SYSSTC | |

Table 10. Transaction Name Group TDBL_TNG

| | |
|-----------------------|-------------------|
| CICST* | CICS test regions |
| IMST* | IMS test regions |
| DB2T* | DB2 test regions |
| test database systems | |

Table 11. Transaction Name Group TONL_TNG

| | |
|-------------------------|---------------------------------|
| CICST* | CICS test regions STC names |
| CICDEV* | CICS development STC names |
| CICQAL* | CICS quality assurance STC name |
| IMSQAL* | IMS quality assurance regions |
| IMSDEV* | IMS development STC names |
| IMST* | IMS test regionsSTC names |
| non-prod online systems | |

Table 12. Userid Group TEC UIG

| | |
|--------------------|----------------------------|
| USERID1 | ID assigned to ..(fill in) |
| USERID2 | ID assigned to ..(fill in) |
| USERID3 | ID assigned to ..(fill in) |
| USERID4 | ID assigned to ..(fill in) |
| tech support staff | |

Classification Rules

ASCH: APPC scheduled trans programs

| Level | Qualifier Type | Qualifier Name | Starting Position | ASCH Service Class | ASCH Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | ASCHLO | |
| | | | | | |
| 1 | SI | ASCH | | ASCHDEF | |
| 2 | TN | APPCFAST | | ASCHHI | |
| | | | | | |
| | | Default | | ASCHLO | |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|------------------------------|-------------|-------------|
| 1 | SI | ASCH | MUST be this value (ASCH) | | |
| 2 | TN | APPCFAST | change this to your TX names | | |

CB: Component Broker requests

| Level | Qualifier Type | Qualifier Name | Starting Position | CB Service Class | CB Report Class |
|-------|----------------|----------------|-------------------|------------------|-----------------|
| | | Default | | CBENCLAV | RCBDEF |
| | | | | | |
| 1 | CN | BBTRD2* | | CBTRD2 | RCBTRD |
| 1 | CN | BBCICS* | | CBCICS | RCBCICS |
| 1 | CN | BBIVP* | | CBDEF | RCBIVP1 |
| 1 | CN | BBERWW* | | CBBERWW | RCBBERW |
| 2 | TC | TCITPI | | CBLO | RCBLO |
| 1 | CN | TZ* | | TZITRD2 | RCBTRD2 |
| | | | | | |
| | | Default | | CBENCLAV | RCBDEF |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------|-------------|-------------|
| 1 | CN | BBTRD2* | example CB collection name | | |

| | | | | | |
|---|----|---------|--|--|--|
| 1 | CN | BBCICS* | | | |
| 1 | CN | BBIVP* | | | |
| 1 | CN | BBERWW* | | | |
| 2 | TC | TCITPI | | | |
| 1 | CN | TZ* | | | |

CICS: CICS transaction level rules

| Level | Qualifier Type | Qualifier Name | Starting Position | CICS Service Class | CICS Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | CICSDEF | RCICSDEF |
| | | | | | |
| 1 | SI | CICSIP* | | | |
| 2 | TN | CEMT | | CICSHI | RCICCEMT |
| 2 | TN | CEDC | | CICSDEF | RCICSDEF |
| 2 | TN | EXCI | | CICSLO | RCICEXCI |
| 2 | TN | FN* | | CICSDEF | RCICSFIN |
| 2 | TN | CV* | | CICSCONV | RCONVER |
| 2 | TN | TRAN | | CICSHI | RCICTRAN |
| 1 | SI | CICSIQ* | | CICSDEF | RCICSQAL |
| | | | | | |
| | | Default | | CICSDEF | RCICSDEF |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------------|-------------|-------------|
| 1 | SI | CICSIP* | CICS production VTAM applid | | |
| 2 | TN | CEMT | separate out CICS system trans | | |
| 2 | TN | CEDC | separate out CICS system trans | | |
| 2 | TN | EXCI | separate out CICS system trans | | |
| 2 | TN | FN* | transaction names for finance | | |
| 2 | TN | CV* | conversational transaction names | | |
| 2 | TN | TRAN | change and add any other trans | | |
| 1 | SI | CICSIQ* | | | |

DB2: DB2 Parallel Query transactions

| Level | Qualifier Type | Qualifier Name | Starting Position | DB2 Service Class | DB2 Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | DB2PQDEF | RDB2U |
| | | | | | |
| 1 | SI | JES | | | |
| 2 | TN | ABC%%%%%%%% | | DB2PQENC | |
| 2 | TN | DEF%%%%%%%% | | DB2PQENC | |
| 2 | TN | GHI%%%%%%%% | | DB2PQENC | |
| 3 | PN | PLANAME1 | | DB2PQENC | |
| 1 | SI | TSO | | | |
| 2 | UI | MYUSER%% | | DB2PQTSO | |
| 3 | PN | PLANAME2 | | DB2PQTSO | |
| | | | | | |
| | | Default | | DB2PQDEF | RDB2U |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
| 1 | SI | JES | | | |
| 2 | TN | ABC%%%%%%%% | | | |
| 2 | TN | DEF%%%%%%%% | | | |
| 2 | TN | GHI%%%%%%%% | | | |
| 3 | PN | PLANAME1 | | | |
| 1 | SI | TSO | | | |
| 2 | UI | MYUSER%% | | | |
| 3 | PN | PLANAME2 | | | |

DDF: Distributed DDF work

| Level | Qualifier Type | Qualifier Name | Starting Position | DDF Service Class | DDF Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | DDFDEF | RDDFDEF |
| | | | | | |
| 1 | SI | DB2P* | | | RDDFDBCP |
| 2 | PR | CALLSPA | | DDFHI | RSPAS1 |
| 2 | UI | SYSADM | | DDFHI | RSYSADM |
| 2 | PN | ACCTRECV | | DDFDEF | RACCTRCV |

| | | | | | |
|---|----|----------|--|--------|----------|
| 1 | SI | DB2T* | | DDFLO | |
| 2 | PR | PAYABLE | | DDFDEF | RPAYT |
| 2 | LU | LU12345% | | DDFHI | RLU12345 |
| | | | | | |
| | | Default | | DDFDEF | RDDFDEF |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------------|-------------|-------------|
| 1 | SI | DB2P* | DB2 prod subsystem name | | |
| 2 | PR | CALLSPA | stored procedure proc name | | |
| 2 | UI | SYSADM | userid of system administrator | | |
| 2 | PN | ACCTRECV | plan name - accounts | | |
| 1 | SI | DB2T* | DB2 test subsystem name | | |
| 2 | PR | PAYABLE | stored procedure name of payroll | | |
| 2 | LU | LU12345% | LU name of login terminals | | |

IMS: IMS transaction level rules

| Level | Qualifier Type | Qualifier Name | Starting Position | IMS Service Class | IMS Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | IMSDEF | |
| | | | | | |
| 1 | SI | IMSIP* | | IMSHI | |
| 2 | TN | IVTNO* | | IMSLO | |
| | | | | | |
| | | Default | | IMSDEF | |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|------------------------------|-------------|-------------|
| 1 | SI | IMSIP* | IMS subsystem name in IMSID | | |
| 2 | TN | IVTNO* | change this to your tx names | | |

IWEB: Scalable WebServer transactions

| Level | Qualifier Type | Qualifier Name | Starting Position | IWEB Service Class | IWEB Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | | | | |

| | | | | | |
|---|----|----------|--|--------|----------|
| | | Default | | WEBDEF | RWEBUSER |
| | | | | | |
| 1 | TC | WEBFRCA | | WEBDEF | RWEBFRCA |
| 1 | TC | FASTTXNS | | WEBHI | RWEBHTML |
| 1 | TC | SLOWTXNS | | WEBLO | RWEBCGI |
| | | | | | |
| | | Default | | WEBDEF | RWEBUSER |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------------|-------------|-------------|
| 1 | TC | WEBFRCA | SEE NOTES "pulldown" FOR DETAILS | | |
| 1 | TC | FASTTXNS | WLM transaction class in ApplEnv | | |
| 1 | TC | SLOWTXNS | WLM transaction class in ApplEnv | | |

JES: JES classification rules

| Level | Qualifier Type | Qualifier Name | Starting Position | JES Service Class | JES Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | BATMED | |
| | | | | | |
| 1 | UI | CEO* | | BATHI | RBATCEO |
| 1 | TC | J | | SPECIAL | RSPECIAL |
| 1 | TC | E | | SPECIAL | RSPECIAL |
| 1 | TC | M | | SPECIAL | RSPECIAL |
| 1 | TCG | PBAT_TNG | | BATHI | RPRODBAT |
| 1 | TCG | TBAT_TNG | | BATLO | |
| | | | | | |
| | | Default | | BATMED | |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|--------------------------------|-------------|-------------|
| 1 | UI | CEO* | CEO's batch jobs | | |
| 1 | TC | J | special HOT jobs | | |
| 1 | TC | E | special HOT jobs | | |
| 1 | TC | M | special HOT jobs | | |
| 1 | TCG | PBAT_TNG | production high priority batch | | |
| 1 | TCG | TBAT_TNG | production low priority batch | | |

LSFM: Lan Server for MVS rules

| Level | Qualifier Type | Qualifier Name | Starting Position | LSFM Service Class | LSFM Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | UNCLASS | RLSFMU |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
|-------|----------------|----------------|-------------|-------------|-------------|

MQ: MQ Series Workflow requests

| Level | Qualifier Type | Qualifier Name | Starting Position | MQ Service Class | MQ Report Class |
|-------|----------------|----------------|-------------------|------------------|-----------------|
| | | Default | | MQDEF | RMQU |
| | | | | | |
| 1 | TN | FMCIPGST | | MQPES | RMQPES |
| 1 | TN | FMC* | | MQEXE | RMQEXE |
| | | | | | |
| | | Default | | MQDEF | RMQU |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
| 1 | TN | FMCIPGST | | | |
| 1 | TN | FMC* | | | |

NETV: Netview 1.4 or later enclaves

| Level | Qualifier Type | Qualifier Name | Starting Position | NETV Service Class | NETV Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | UNCLASS | RNETV |
| | | | | | |
| 1 | TN | AUTO* | | NETVAUTO | |
| 1 | TN | NETW* | | NETVNWRK | |
| | | | | | |
| | | | | | |

| | | | |
|--|---------|---------|-------|
| | Default | UNCLASS | RNETV |
|--|---------|---------|-------|

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
| 1 | TN | AUTO* | | | |
| 1 | TN | NETW* | | | |

OMVS: Unix System Services requests

| Level | Qualifier Type | Qualifier Name | Starting Position | OMVS Service Class | OMVS Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | UNIX | |
| 1 | UI | OMVSKERN | | OMVS | |
| 1 | TN | FTP* | | OPSHI | RFTP |
| 1 | TN | INET* | | OPSHI | |
| | | Default | | UNIX | |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|---------------------------------|-------------|-------------|
| 1 | UI | OMVSKERN | tasks spawned with OMVSKERN UID | | |
| 1 | TN | FTP* | | | |
| 1 | TN | INET* | | | |

OSDI: Oracle subsystem work

| Level | Qualifier Type | Qualifier Name | Starting Position | OSDI Service Class | OSDI Report Class |
|-------|----------------|----------------|-------------------|--------------------|-------------------|
| | | Default | | ORACLES | RORCLSYS |
| 1 | SI | ORAC | | | |
| 2 | NET | 010.100. | | | |
| 3 | LU | 001.0080 | | ORAMT1 | |
| 3 | LU | 001.0082 | | ORAMT2 | |
| 3 | LU | 001.0081 | | ORAMT3 | |

| | | | | | |
|--|--|---------|--|---------|----------|
| | | | | | |
| | | Default | | ORACLES | RORCLSYS |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
| 1 | SI | ORAC | | | |
| 2 | NET | 010.100. | | | |
| 3 | LU | 001.0080 | | | |
| 3 | LU | 001.0082 | | | |
| 3 | LU | 001.0081 | | | |

[SAP: SAP R/3 application](#)

| Level | Qualifier Type | Qualifier Name | Starting Position | SAP Service Class | SAP Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | SAPLO | RSAPUNC |
| | | | | | |
| 1 | UI | ICLIRUN | | | |
| 2 | TN | GENERIC | | SAPLO | RSAPGEN |
| 2 | TN | DIALOG | | SAPDEF | |
| 2 | TN | UPDATE | | SAPMED | RSAPUPD |
| 2 | TN | UPDATE2 | | SAPHI | RSAPUPD2 |
| 2 | TN | SPOOL | | SAPLO | RSAPSPL |
| 2 | TN | BATCH | | SAPMED | RSAPBAT |
| 1 | UI | ICLPROD | | | |
| 2 | TN | GENERIC | | SAPLO | RSAPGRP2 |
| 2 | TN | DIALOG | | SAPDEF | RSAPGRP2 |
| 2 | TN | UPDATE | | SAPMED | RSAPGRP2 |
| 2 | TN | UPDATE2 | | SAPHI | RSAPGRP2 |
| 2 | TN | SPOOL | | SAPLO | RSAPGRP2 |
| 2 | TN | BATCH | | SAPMED | RSAPGRP2 |
| | | | | | |
| | | Default | | SAPLO | RSAPUNC |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------------|-------------|-------------|
| 1 | UI | ICLIRUN | userid of starter of ICLI server | | |

| | | | | | |
|---|----|---------|----------------------|--|--|
| 2 | TN | GENERIC | pre-existing enclave | | |
| 2 | TN | DIALOG | pre-existing enclave | | |
| 2 | TN | UPDATE | pre-existing enclave | | |
| 2 | TN | UPDATE2 | pre-existing enclave | | |
| 2 | TN | SPOOL | pre-existing enclave | | |
| 2 | TN | BATCH | pre-existing enclave | | |
| 1 | UI | ICLPROD | | | |
| 2 | TN | GENERIC | | | |
| 2 | TN | DIALOG | | | |
| 2 | TN | UPDATE | | | |
| 2 | TN | UPDATE2 | | | |
| 2 | TN | SPOOL | | | |
| 2 | TN | BATCH | | | |

SOM: SOM client object requests

| Level | Qualifier Type | Qualifier Name | Starting Position | SOM Service Class | SOM Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | UNCLASS | RSOMU |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|-------------|-------------|-------------|
|-------|----------------|----------------|-------------|-------------|-------------|

STC: Started Tasks classifications

| Level | Qualifier Type | Qualifier Name | Starting Position | STC Service Class | STC Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | OPSDEF | RSTCDEF |
| 1 | TNG | PDBL_TNG | | OPSHI | RPDBSTCS |
| 1 | TNG | TDBL_TNG | | OPSDEF | RTDBSTCS |
| 1 | TN | %%%%SPAS | | OPSHI | RTDBSTCS |
| 1 | TN | MQ%%MSTR | | OPSHI | RMQSTC |
| 1 | TN | MQ%%CHIN | | OPSHI | RMQSTC |
| 1 | TN | MQ%%TRGM | | OPSHI | RMQSTC |
| | | | | | |

| | | | | | |
|---|-----|----------|--|--------|----------|
| 1 | SPM | SYSTEM | | SYSTEM | RSYSTEM |
| 1 | SPM | SYSSTC | | SYSSTC | RSYSSTC |
| 1 | TN | CB* | | SYSSTC | RCBSTC |
| 1 | TNG | SYST_TNG | | SYSSTC | RSYSTEM |
| 1 | TNG | SYHI_TNG | | OPSHI | RSYSHI |
| 1 | TNG | PONL_TNG | | OPSHI | RPRODONL |
| 1 | TNG | SYMD_TNG | | OPSDEF | RSYSMED |
| 1 | TNG | STOR_TNG | | OPSLO | RSTOR |
| 1 | TNG | SYLO_TNG | | OPSLO | RSYSLO |
| 1 | TNG | TONL_TNG | | OPSLO | RTESTONL |
| | | | | | |
| | | Default | | OPSDEF | RSTCDEF |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|----------------------------------|-------------|-------------|
| 1 | TNG | PDBL_TNG | | | |
| 1 | TNG | TDBL_TNG | | | |
| 1 | TN | %%%%SPAS | | | |
| 1 | TN | MQ%%MSTR | MQ series started task | | |
| 1 | TN | MQ%%CHIN | MQ series started task | | |
| 1 | TN | MQ%%TRGM | MQ series started task | | |
| 1 | SPM | SYSTEM | SPM rule for HIGH dispatch work | | |
| 1 | SPM | SYSSTC | SPM rule for SYST specified work | | |
| 1 | TN | CB* | Component Broker started task | | |
| 1 | TNG | SYST_TNG | TNG for started tasks for SYSSTC | | |
| 1 | TNG | SYHI_TNG | TNG for high priority STC's | | |
| 1 | TNG | PONL_TNG | TNG for production online STC's | | |
| 1 | TNG | SYMD_TNG | TNG for medium priority STC's | | |
| 1 | TNG | STOR_TNG | STC's not assigned SYSSTC/SYSTEM | | |
| 1 | TNG | SYLO_TNG | TNG for low priority STC's | | |
| 1 | TNG | TONL_TNG | TNG for test online STC's | | REGN |

[TSO: TSO classification rules](#)

| Level | Qualifier Type | Qualifier Name | Starting Position | TSO Service Class | TSO Report Class |
|-------|----------------|----------------|-------------------|-------------------|------------------|
| | | Default | | TSO | |

| | | | | | |
|---|-----|---------|--|---------|---------|
| | | | | | |
| 1 | UIG | TEC_UIG | | TSOTECH | |
| 1 | UI | UIDCEO | | TSOTECH | RTSOCEO |
| | | | | | |
| | | Default | | TSO | |

| Level | Qualifier Type | Qualifier Name | Description | Stor. Crit. | Mgmt. Goals |
|-------|----------------|----------------|------------------------------|-------------|-------------|
| 1 | UIG | TEC_UIG | userid of tech support staff | | |
| 1 | UI | UIDCEO | | | |

Application Environments

| Application Environment data |
|---|
| <p><i>Application Environment Name:</i> CBAPPAE</p> <p><i>Description:</i> CB Application Server</p> <p><i>Subsystem Type:</i> CB</p> <p><i>Procedure Name:</i> BBOCTLS</p> <p><i>Start parameters:</i></p> <p>IWMSSNM=&IWMSSNM</p> <p><i>Limit on starting server address spaces for a subsystem instance:</i></p> <p>No limit</p> |
| <p><i>Application Environment Name:</i> CBNAMAE</p> <p><i>Description:</i> CB Naming Server</p> <p><i>Subsystem Type:</i> CB</p> <p><i>Procedure Name:</i> BBONMS</p> <p><i>Start parameters:</i></p> <p>IWMSSNM=&IWMSSNM</p> <p><i>Limit on starting server address spaces for a subsystem instance:</i></p> <p>No limit</p> |

Application Environment Name: CBSMGAE

Description: CB System Management Server

Subsystem Type: CB

Procedure Name: BBOSMMS

Start parameters:

IWMSSNM=&IWMSSNM

Limit on starting server address spaces for a subsystem instance:

No limit

Application Environment Name: MQWFEXEAE

Description: MQ SERIES WORKFLOW EXE SERVER

Subsystem Type: MQ

Procedure Name: MQWFSRVP

Start parameters:

WLMAE=MQWFEXAE,WLMSN=&IWMSSNM,SRVEP=FMC

EMAIN,SRVNO=1

Limit on starting server address spaces for a subsystem instance:

No limit

Application Environment Name: SPASAE

Description: WLM stored procedures AE

Subsystem Type: DB2

Procedure Name: DBC1WLM2

Start parameters:

DB2SSN=DBC1,NUMTCB=X,APPLENV=SPASAE

Limit on starting server address spaces for a subsystem instance:

No limit

Application Environment Name: WEBAE

Description: Scaleable WebServer

Subsystem Type: IWEB

Procedure Name: IMSERVE

Start parameters:

IWMSN=&IWMSSNM,IWMAE=WEBAE

Limit on starting server address spaces for a subsystem instance:

No limit

Scheduling Environments

| Scheduling Environment Name | Scheduling Environment Description |
|-----------------------------|------------------------------------|
| BATCHUPDATESE | off shift batch updates to DB |
| CB390SE | S/390 Component Broker SE |
| DB_REORGSE | reorganization of DB timeframe |
| ONLINEPRODSE | production online timeframe |

Resources For Scheduling Environments

| Resource Name | Resource Description |
|---------------|--------------------------------|
| CB390ELEM | S/390 Component Broker element |
| DB2_PROD | user defined element name |
| PRIME_SHIFT | user defined element name |

Scheduling Environment/Resource Relationships

| Scheduling Environment Name | Resource Name | Resource State |
|-----------------------------|---------------|----------------|
| BATCHUPDATESE | DB2_PROD | ON |
| | PRIME_SHIFT | OFF |
| CB390SE | CB390ELEM | ON |
| DB_REORGSE | DB2_PROD | OFF |
| | PRIME_SHIFT | OFF |
| ONLINEPRODSE | DB2_PROD | ON |
| | | |

Resources To Scheduling Environments Cross Reference

| Resource Name | Scheduling Environment Name |
|---------------|---|
| CB390ELEM | CB390SE |
| DB2_PROD | BATCHUPDATESE DB_REORGSE ONLINEPRODSE |
| PRIME_SHIFT | BATCHUPDATESE ONLINEPRODSE DB_REORGSE |

Service Definition Service Class Goals

Table 13. Service Definition goals sorted by service class

| Service Class | Workload | Per | Duration | Imp | Goal | CPU Crit. |
|---------------|----------|-----|----------|-----|------------------|-----------|
| ASCHDEF | STC_WKL | 1 | 500 | 2 | 80% 00:00:01.000 | |
| | | 2 | | 4 | Velocity 20 | |
| ASCHHI | STC_WKL | 1 | 500 | 2 | 90% 00:00:00.500 | |
| | | 2 | | 3 | Velocity 40 | |
| ASCHLO | STC_WKL | 1 | 250 | 3 | 75% 00:00:03.000 | |
| | | 2 | | 5 | Velocity 20 | |
| BATHI | BAT_WKL | 1 | 10000 | 3 | Velocity 30 | |
| | | 2 | | 4 | Velocity 20 | |
| BATLO | BAT_WKL | 1 | | | Discretionary | |
| BATMED | BAT_WKL | 1 | 15000 | 4 | Velocity 20 | |
| | | 2 | | | Discretionary | |
| CBBERWW | ONL_WKL | 1 | | 1 | Avg 00:00:00.025 | |
| CBCICS | ONL_WKL | 1 | | 1 | Velocity 50 | |
| CBDEF | ONL_WKL | 1 | 100 | 2 | 85% 00:00:01.500 | |
| | | | | | | |

| | | | | | | |
|----------|----------|---|-----|---|------------------|--|
| | | 2 | | 3 | Velocity 40 | |
| CBENCLAV | ONL_WKL | 1 | | 1 | Velocity 40 | |
| CBHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.300 | |
| CBLO | ONL_WKL | 1 | | 4 | Avg 00:00:00.900 | |
| CBTRD2 | ONL_WKL | 1 | | 2 | Avg 00:00:00.015 | |
| CICSCONV | ONL_WKL | 1 | | 2 | Avg 24:00:00.000 | |
| CICSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| CICSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| CICSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| DB2PQDEF | DB_WKL | 1 | | 5 | Velocity 5 | |
| DB2PQENC | DB_WKL | 1 | 100 | 3 | 85% 00:00:03.000 | |
| | | 2 | 500 | 4 | 70% 00:00:10.000 | |
| | | 3 | | 5 | Velocity 5 | |
| DB2PQTSO | DB_WKL | 1 | 100 | 2 | 90% 00:00:01.000 | |
| | | 2 | 500 | 3 | 80% 00:00:05.000 | |
| | | 3 | | 4 | Velocity 10 | |
| DDFDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| DDFHI | DB_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 40 | |
| DDFLO | DB_WKL | 1 | 500 | 4 | 80% 00:00:04.000 | |
| | | 2 | | 5 | Velocity 10 | |
| IMSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| IMSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| IMSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| LIMIT | STC_WKL | 1 | | | Discretionary | |
| MQDEF | ONL_WKL | 1 | | 3 | Velocity 30 | |
| MQEXE | ONL_WKL | 1 | | 2 | Velocity 40 | |
| MQPES | ONL_WKL | 1 | | 1 | Velocity 60 | |
| NETVAUTO | OMVS_WKL | 1 | | 1 | Velocity 70 | |
| NETVNRK | OMVS_WKL | 1 | | 2 | Velocity 50 | |
| OMVS | OMVS_WKL | 1 | | 1 | Velocity 50 | |
| OPSDEF | STC_WKL | 1 | | 3 | Velocity 40 | |
| OPSHI | STC_WKL | 1 | | 1 | Velocity 70 | |
| OPSLO | STC_WKL | 1 | | 3 | Velocity 20 | |
| ORACLES | DB_WKL | 1 | | 5 | Velocity 10 | |
| ORAMT1 | DB_WKL | 1 | 50 | 1 | Avg 00:00:00.015 | |

| | | | | | | |
|---------|----------|---|-----|---|------------------|--|
| | | 2 | 500 | 3 | Avg 00:00:05.000 | |
| | | 3 | | 5 | Velocity 10 | |
| ORAMT2 | DB_WKL | 1 | | | Discretionary | |
| ORAMT3 | DB_WKL | 1 | | 3 | Velocity 40 | |
| SAPDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| SAPHI | DB_WKL | 1 | | 2 | Velocity 40 | |
| SAPLO | DB_WKL | 1 | | 4 | Velocity 20 | |
| SAPMED | DB_WKL | 1 | | 3 | Velocity 30 | |
| SPECIAL | STC_WKL | 1 | | 1 | Velocity 70 | |
| TSO | TSO_WKL | 1 | 250 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| TSOTECH | TSO_WKL | 1 | | 1 | Velocity 60 | |
| TZITRD2 | ONL_WKL | 1 | | 3 | Velocity 5 | |
| UNCLASS | STC_WKL | 1 | | 5 | Velocity 10 | |
| UNIX | OMVS_WKL | 1 | 50 | 2 | Velocity 30 | |
| | | 2 | 500 | 3 | Velocity 20 | |
| | | 3 | | 4 | Velocity 10 | |
| WEBDEF | OMVS_WKL | 1 | | 3 | Velocity 30 | |
| WEBHI | OMVS_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| WEBLO | OMVS_WKL | 1 | | 3 | Avg 00:00:10.000 | |

Table 14. Service Definition goals sorted by importance

| Service Class | Workload | Per | Duration | Imp | Goal | CPU Crit. |
|---------------|----------|-----|----------|-----|------------------|-----------|
| CBBERWW | ONL_WKL | 1 | | 1 | Avg 00:00:00.025 | |
| CBCICS | ONL_WKL | 1 | | 1 | Velocity 50 | |
| CBENCLAV | ONL_WKL | 1 | | 1 | Velocity 40 | |
| CBHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.300 | |
| CICSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| IMSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| MQPES | ONL_WKL | 1 | | 1 | Velocity 60 | |
| NETVAUTO | OMVS_WKL | 1 | | 1 | Velocity 70 | |
| OMVS | OMVS_WKL | 1 | | 1 | Velocity 50 | |
| OPSHI | STC_WKL | 1 | | 1 | Velocity 70 | |
| ORAMT1 | DB_WKL | 1 | 50 | 1 | Avg 00:00:00.015 | |

| | | | | | | |
|----------|----------|---|-------|---|------------------|--|
| SPECIAL | STC_WKL | 1 | | 1 | Velocity 70 | |
| TSOTECH | TSO_WKL | 1 | | 1 | Velocity 60 | |
| ASCHDEF | STC_WKL | 1 | 500 | 2 | 80% 00:00:01.000 | |
| ASCHHI | STC_WKL | 1 | 500 | 2 | 90% 00:00:00.500 | |
| CBDEF | ONL_WKL | 1 | 100 | 2 | 85% 00:00:01.500 | |
| CBTRD2 | ONL_WKL | 1 | | 2 | Avg 00:00:00.015 | |
| CICSCONV | ONL_WKL | 1 | | 2 | Avg 24:00:00.000 | |
| CICSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| CICSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| DB2PQTSO | DB_WKL | 1 | 100 | 2 | 90% 00:00:01.000 | |
| DDFHI | DB_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| IMSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| IMSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| MQEXE | ONL_WKL | 1 | | 2 | Velocity 40 | |
| NETVNRK | OMVS_WKL | 1 | | 2 | Velocity 50 | |
| SAPHI | DB_WKL | 1 | | 2 | Velocity 40 | |
| TSO | TSO_WKL | 1 | 250 | 2 | 90% 00:00:01.000 | |
| UNIX | OMVS_WKL | 1 | 50 | 2 | Velocity 30 | |
| WEBHI | OMVS_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| ASCHHI | STC_WKL | 2 | | 3 | Velocity 40 | |
| ASCHLO | STC_WKL | 1 | 250 | 3 | 75% 00:00:03.000 | |
| BATHI | BAT_WKL | 1 | 10000 | 3 | Velocity 30 | |
| CBDEF | ONL_WKL | 2 | | 3 | Velocity 40 | |
| DB2PQENC | DB_WKL | 1 | 100 | 3 | 85% 00:00:03.000 | |
| DB2PQTSO | DB_WKL | 2 | 500 | 3 | 80% 00:00:05.000 | |
| DDFDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| DDFHI | DB_WKL | 2 | | 3 | Velocity 40 | |
| MQDEF | ONL_WKL | 1 | | 3 | Velocity 30 | |
| OPSDEF | STC_WKL | 1 | | 3 | Velocity 40 | |
| OPSLO | STC_WKL | 1 | | 3 | Velocity 20 | |
| ORAMT1 | DB_WKL | 2 | 500 | 3 | Avg 00:00:05.000 | |
| ORAMT3 | DB_WKL | 1 | | 3 | Velocity 40 | |
| SAPDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| SAPMED | DB_WKL | 1 | | 3 | Velocity 30 | |
| TSO | TSO_WKL | 2 | | 3 | Velocity 30 | |
| TZITRD2 | ONL_WKL | 1 | | 3 | Velocity 5 | |
| UNIX | OMVS_WKL | 2 | 500 | 3 | Velocity 20 | |
| | | | | | | |

| | | | | | | |
|----------|----------|---|-------|---|------------------|--|
| WEBDEF | OMVS_WKL | 1 | | 3 | Velocity 30 | |
| WEBHI | OMVS_WKL | 2 | | 3 | Velocity 30 | |
| WEBLO | OMVS_WKL | 1 | | 3 | Avg 00:00:10.000 | |
| ASCHDEF | STC_WKL | 2 | | 4 | Velocity 20 | |
| BATHI | BAT_WKL | 2 | | 4 | Velocity 20 | |
| BATMED | BAT_WKL | 1 | 15000 | 4 | Velocity 20 | |
| CBLO | ONL_WKL | 1 | | 4 | Avg 00:00:00.900 | |
| DB2PQENC | DB_WKL | 2 | 500 | 4 | 70% 00:00:10.000 | |
| DB2PQTSO | DB_WKL | 3 | | 4 | Velocity 10 | |
| DDFDEF | DB_WKL | 2 | | 4 | Velocity 20 | |
| DDFLO | DB_WKL | 1 | 500 | 4 | 80% 00:00:04.000 | |
| SAPDEF | DB_WKL | 2 | | 4 | Velocity 20 | |
| SAPLO | DB_WKL | 1 | | 4 | Velocity 20 | |
| UNIX | OMVS_WKL | 3 | | 4 | Velocity 10 | |
| ASCHLO | STC_WKL | 2 | | 5 | Velocity 20 | |
| DB2PQDEF | DB_WKL | 1 | | 5 | Velocity 5 | |
| DB2PQENC | DB_WKL | 3 | | 5 | Velocity 5 | |
| DDFLO | DB_WKL | 2 | | 5 | Velocity 10 | |
| ORACLES | DB_WKL | 1 | | 5 | Velocity 10 | |
| ORAMT1 | DB_WKL | 3 | | 5 | Velocity 10 | |
| UNCLASS | STC_WKL | 1 | | 5 | Velocity 10 | |
| BATLO | BAT_WKL | 1 | | | Discretionary | |
| BATMED | BAT_WKL | 2 | | | Discretionary | |
| LIMIT | STC_WKL | 1 | | | Discretionary | |
| ORAMT2 | DB_WKL | 1 | | | Discretionary | |

Table 15. Service Definition goals sorted by workload

| Workload | Service Class | Per | Duration | Imp | Goal | CPU Crit. |
|----------|---------------|-----|----------|-----|------------------|-----------|
| BAT_WKL | BATHI | 1 | 10000 | 3 | Velocity 30 | |
| | | 2 | | 4 | Velocity 20 | |
| | BATLO | 1 | | | Discretionary | |
| | BATMED | 1 | 15000 | 4 | Velocity 20 | |
| | | 2 | | | Discretionary | |
| DB_WKL | DB2PQDEF | 1 | | 5 | Velocity 5 | |
| | DB2PQENC | 1 | 100 | 3 | 85% 00:00:03.000 | |

| | | | | | | |
|----------|----------|---|-----|---|------------------|--|
| | | 2 | 500 | 4 | 70% 00:00:10.000 | |
| | | 3 | | 5 | Velocity 5 | |
| | DB2PQTSO | 1 | 100 | 2 | 90% 00:00:01.000 | |
| | | 2 | 500 | 3 | 80% 00:00:05.000 | |
| | | 3 | | 4 | Velocity 10 | |
| | DDFDEF | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| | DDFHI | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 40 | |
| | DDFLO | 1 | 500 | 4 | 80% 00:00:04.000 | |
| | | 2 | | 5 | Velocity 10 | |
| | ORACLES | 1 | | 5 | Velocity 10 | |
| | ORAMT1 | 1 | 50 | 1 | Avg 00:00:00.015 | |
| | | 2 | 500 | 3 | Avg 00:00:05.000 | |
| | | 3 | | 5 | Velocity 10 | |
| | ORAMT2 | 1 | | | Discretionary | |
| | ORAMT3 | 1 | | 3 | Velocity 40 | |
| | SAPDEF | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| | SAPHI | 1 | | 2 | Velocity 40 | |
| | SAPLO | 1 | | 4 | Velocity 20 | |
| | SAPMED | 1 | | 3 | Velocity 30 | |
| OMVS_WKL | NETVAUTO | 1 | | 1 | Velocity 70 | |
| | NETVNWRK | 1 | | 2 | Velocity 50 | |
| | OMVS | 1 | | 1 | Velocity 50 | |
| | UNIX | 1 | 50 | 2 | Velocity 30 | |
| | | 2 | 500 | 3 | Velocity 20 | |
| | | 3 | | 4 | Velocity 10 | |
| | WEBDEF | 1 | | 3 | Velocity 30 | |
| | WEBHI | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| | WEBLO | 1 | | 3 | Avg 00:00:10.000 | |
| ONL_WKL | CBBERWW | 1 | | 1 | Avg 00:00:00.025 | |
| | CBCICS | 1 | | 1 | Velocity 50 | |
| | CBDEF | 1 | 100 | 2 | 85% 00:00:01.500 | |
| | | 2 | | 3 | Velocity 40 | |
| | CBENCLAV | 1 | | 1 | Velocity 40 | |
| | | | | | | |

| | | | | | | |
|---------|----------|---|-----|---|------------------|--|
| | CBHI | 1 | | 1 | 90% 00:00:00.300 | |
| | CBLO | 1 | | 4 | Avg 00:00:00.900 | |
| | CBTRD2 | 1 | | 2 | Avg 00:00:00.015 | |
| | CICSCONV | 1 | | 2 | Avg 24:00:00.000 | |
| | CICSDEF | 1 | | 2 | 85% 00:00:01.000 | |
| | CICSHI | 1 | | 1 | 90% 00:00:00.500 | |
| | CICSLO | 1 | | 2 | 80% 00:00:02.000 | |
| | IMSDEF | 1 | | 2 | 85% 00:00:01.000 | |
| | IMSHI | 1 | | 1 | 90% 00:00:00.500 | |
| | IMSLO | 1 | | 2 | 80% 00:00:02.000 | |
| | MQDEF | 1 | | 3 | Velocity 30 | |
| | MQEXE | 1 | | 2 | Velocity 40 | |
| | MQPES | 1 | | 1 | Velocity 60 | |
| | TZITRD2 | 1 | | 3 | Velocity 5 | |
| STC_WKL | ASCHDEF | 1 | 500 | 2 | 80% 00:00:01.000 | |
| | | 2 | | 4 | Velocity 20 | |
| | ASCHHI | 1 | 500 | 2 | 90% 00:00:00.500 | |
| | | 2 | | 3 | Velocity 40 | |
| | ASCHLO | 1 | 250 | 3 | 75% 00:00:03.000 | |
| | | 2 | | 5 | Velocity 20 | |
| | LIMIT | 1 | | | Discretionary | |
| | OPSDEF | 1 | | 3 | Velocity 40 | |
| | OPSHI | 1 | | 1 | Velocity 70 | |
| | OPSLO | 1 | | 3 | Velocity 20 | |
| | SPECIAL | 1 | | 1 | Velocity 70 | |
| | UNCLASS | 1 | | 5 | Velocity 10 | |
| TSO_WKL | TSO | 1 | 250 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| | TSOTECH | 1 | | 1 | Velocity 60 | |

Service Definition Resource Group Goals

| Resource Group | Minimum Capacity | Maximum Capacity | Description |
|----------------|------------------|------------------|--------------------------------|
| LIMITRG | 0 | 1 | control quiesced nonswappables |

Service Definition Service Classes in Resource Groups

| Service Class | * N O N E | L I M I T R G |
|---------------|-----------------------|---------------------------------|
| ASCHDEF | X | |
| ASCHHI | X | |
| ASCHLO | X | |
| BATHI | X | |
| BATLO | X | |
| BATMED | X | |
| CBBERWW | X | |
| CBCICS | X | |
| CBDEF | X | |
| CBENCLAV | X | |
| CBHI | X | |
| CBLO | X | |
| CBTRD2 | X | |
| CICSCONV | X | |
| CICSDEF | X | |
| CICSHI | X | |
| CICSLO | X | |
| DB2PQDEF | X | |
| DB2PQENC | X | |
| DB2PQTSO | X | |
| DDFDEF | X | |
| DDFHI | X | |
| DDFLO | X | |
| IMSDEF | X | |
| IMSHI | X | |
| IMSLO | X | |
| LIMIT | | X |
| MQDEF | X | |
| | | |

| | | |
|----------|---|--|
| MQEXE | X | |
| MQPES | X | |
| NETVAUTO | X | |
| NETVNRK | X | |
| OMVS | X | |
| OPSDEF | X | |
| OPSHI | X | |
| OPSLO | X | |
| ORACLES | X | |
| ORAMT1 | X | |
| ORAMT2 | X | |
| ORAMT3 | X | |
| SAPDEF | X | |
| SAPHI | X | |
| SAPLO | X | |
| SAPMED | X | |
| SPECIAL | X | |
| TSO | X | |
| TSOTECH | X | |
| TZITRD2 | X | |
| UNCLASS | X | |
| UNIX | X | |
| WEBDEF | X | |
| WEBHI | X | |
| WEBLO | X | |

[Service Policy WLMPOL](#)

WSC Sample WLM policy

Note: Service class names are highlighted when one or more of its period goals have been overridden in this policy; where possible the changed goal information is also highlighted. In instances where the last period of a service class has been deleted, only the service class name will be highlighted.

[Service Policy WLMPOL Service Class Goals](#)

Table 16. Service Policy WLMPOL goals sorted by service class

| Service Class | Workload | Per | Duration | Imp | Goal | CPU Crit. |
|---------------|----------|-----|----------|-----|------------------|-----------|
| ASCHDEF | STC_WKL | 1 | 500 | 2 | 80% 00:00:01.000 | |
| | | 2 | | 4 | Velocity 20 | |
| ASCHHI | STC_WKL | 1 | 500 | 2 | 90% 00:00:00.500 | |
| | | 2 | | 3 | Velocity 40 | |
| ASCHLO | STC_WKL | 1 | 250 | 3 | 75% 00:00:03.000 | |
| | | 2 | | 5 | Velocity 20 | |
| BATHI | BAT_WKL | 1 | 10000 | 3 | Velocity 30 | |
| | | 2 | | 4 | Velocity 20 | |
| BATLO | BAT_WKL | 1 | | | Discretionary | |
| BATMED | BAT_WKL | 1 | 15000 | 4 | Velocity 20 | |
| | | 2 | | | Discretionary | |
| CBBERWW | ONL_WKL | 1 | | 1 | Avg 00:00:00.025 | |
| CBCICS | ONL_WKL | 1 | | 1 | Velocity 50 | |
| CBDEF | ONL_WKL | 1 | 100 | 2 | 85% 00:00:01.500 | |
| | | 2 | | 3 | Velocity 40 | |
| CBENCLAV | ONL_WKL | 1 | | 1 | Velocity 40 | |
| CBHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.300 | |
| CBLO | ONL_WKL | 1 | | 4 | Avg 00:00:00.900 | |
| CBTRD2 | ONL_WKL | 1 | | 2 | Avg 00:00:00.015 | |
| CICSCONV | ONL_WKL | 1 | | 2 | Avg 24:00:00.000 | |
| CICSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| CICSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| CICSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| DB2PQDEF | DB_WKL | 1 | | 5 | Velocity 5 | |
| DB2PQENC | DB_WKL | 1 | 100 | 3 | 85% 00:00:03.000 | |
| | | 2 | 500 | 4 | 70% 00:00:10.000 | |
| | | 3 | | 5 | Velocity 5 | |
| DB2PQTSO | DB_WKL | 1 | 100 | 2 | 90% 00:00:01.000 | |
| | | 2 | 500 | 3 | 80% 00:00:05.000 | |
| | | 3 | | 4 | Velocity 10 | |
| DDFDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| DDFHI | DB_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 40 | |

| | | | | | | |
|----------|----------|---|-----|---|------------------|--|
| DDFLO | DB_WKL | 1 | 500 | 4 | 80% 00:00:04.000 | |
| | | 2 | | 5 | Velocity 10 | |
| IMSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| IMSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| IMSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| LIMIT | STC_WKL | 1 | | | Discretionary | |
| MQDEF | ONL_WKL | 1 | | 3 | Velocity 30 | |
| MQEXE | ONL_WKL | 1 | | 2 | Velocity 40 | |
| MQPES | ONL_WKL | 1 | | 1 | Velocity 60 | |
| NETVAUTO | OMVS_WKL | 1 | | 1 | Velocity 70 | |
| NETVNRK | OMVS_WKL | 1 | | 2 | Velocity 50 | |
| OMVS | OMVS_WKL | 1 | | 1 | Velocity 50 | |
| OPSDEF | STC_WKL | 1 | | 3 | Velocity 40 | |
| OPSHI | STC_WKL | 1 | | 1 | Velocity 70 | |
| OPSLO | STC_WKL | 1 | | 3 | Velocity 20 | |
| ORACLES | DB_WKL | 1 | | 5 | Velocity 10 | |
| ORAMT1 | DB_WKL | 1 | 50 | 1 | Avg 00:00:00.015 | |
| | | 2 | 500 | 3 | Avg 00:00:05.000 | |
| | | 3 | | 5 | Velocity 10 | |
| ORAMT2 | DB_WKL | 1 | | | Discretionary | |
| ORAMT3 | DB_WKL | 1 | | 3 | Velocity 40 | |
| SAPDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| SAPHI | DB_WKL | 1 | | 2 | Velocity 40 | |
| SAPLO | DB_WKL | 1 | | 4 | Velocity 20 | |
| SAPMED | DB_WKL | 1 | | 3 | Velocity 30 | |
| SPECIAL | STC_WKL | 1 | | 1 | Velocity 70 | |
| TSO | TSO_WKL | 1 | 250 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| TSOTECH | TSO_WKL | 1 | | 1 | Velocity 60 | |
| TZITRD2 | ONL_WKL | 1 | | 3 | Velocity 5 | |
| UNCLASS | STC_WKL | 1 | | 5 | Velocity 10 | |
| UNIX | OMVS_WKL | 1 | 50 | 2 | Velocity 30 | |
| | | 2 | 500 | 3 | Velocity 20 | |
| | | 3 | | 4 | Velocity 10 | |
| WEBDEF | OMVS_WKL | 1 | | 3 | Velocity 30 | |
| WEBHI | OMVS_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | | | | | |

| | | | | | | |
|-------|----------|---|--|---|------------------|--|
| | | 2 | | 3 | Velocity 30 | |
| WEBLO | OMVS_WKL | 1 | | 3 | Avg 00:00:10.000 | |

Table 17. Service Policy WLMPOL goals sorted by importance

| Service Class | Workload | Per | Duration | Imp | Goal | CPU Crit. |
|---------------|----------|-----|----------|-----|------------------|-----------|
| CBBERWW | ONL_WKL | 1 | | 1 | Avg 00:00:00.025 | |
| CBCICS | ONL_WKL | 1 | | 1 | Velocity 50 | |
| CBENCLAV | ONL_WKL | 1 | | 1 | Velocity 40 | |
| CBHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.300 | |
| CICSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| IMSHI | ONL_WKL | 1 | | 1 | 90% 00:00:00.500 | |
| MQPES | ONL_WKL | 1 | | 1 | Velocity 60 | |
| NETVAUTO | OMVS_WKL | 1 | | 1 | Velocity 70 | |
| OMVS | OMVS_WKL | 1 | | 1 | Velocity 50 | |
| OPSHI | STC_WKL | 1 | | 1 | Velocity 70 | |
| ORAMT1 | DB_WKL | 1 | 50 | 1 | Avg 00:00:00.015 | |
| SPECIAL | STC_WKL | 1 | | 1 | Velocity 70 | |
| TSOTECH | TSO_WKL | 1 | | 1 | Velocity 60 | |
| ASCHDEF | STC_WKL | 1 | 500 | 2 | 80% 00:00:01.000 | |
| ASCHHI | STC_WKL | 1 | 500 | 2 | 90% 00:00:00.500 | |
| CBDEF | ONL_WKL | 1 | 100 | 2 | 85% 00:00:01.500 | |
| CBTRD2 | ONL_WKL | 1 | | 2 | Avg 00:00:00.015 | |
| CICSCONV | ONL_WKL | 1 | | 2 | Avg 24:00:00.000 | |
| CICSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| CICSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| DB2PQTSO | DB_WKL | 1 | 100 | 2 | 90% 00:00:01.000 | |
| DDFHI | DB_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| IMSDEF | ONL_WKL | 1 | | 2 | 85% 00:00:01.000 | |
| IMSLO | ONL_WKL | 1 | | 2 | 80% 00:00:02.000 | |
| MQEXE | ONL_WKL | 1 | | 2 | Velocity 40 | |
| NETVNRK | OMVS_WKL | 1 | | 2 | Velocity 50 | |
| SAPHI | DB_WKL | 1 | | 2 | Velocity 40 | |
| TSO | TSO_WKL | 1 | 250 | 2 | 90% 00:00:01.000 | |
| UNIX | OMVS_WKL | 1 | 50 | 2 | Velocity 30 | |
| WEBHI | OMVS_WKL | 1 | 500 | 2 | 90% 00:00:01.000 | |
| ASCHHI | STC_WKL | 2 | | 3 | Velocity 40 | |

| | | | | | | |
|----------|----------|---|-------|---|------------------|--|
| ASCHLO | STC_WKL | 1 | 250 | 3 | 75% 00:00:03.000 | |
| BATHI | BAT_WKL | 1 | 10000 | 3 | Velocity 30 | |
| CBDEF | ONL_WKL | 2 | | 3 | Velocity 40 | |
| DB2PQENC | DB_WKL | 1 | 100 | 3 | 85% 00:00:03.000 | |
| DB2PQTSO | DB_WKL | 2 | 500 | 3 | 80% 00:00:05.000 | |
| DDFDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| DDFHI | DB_WKL | 2 | | 3 | Velocity 40 | |
| MQDEF | ONL_WKL | 1 | | 3 | Velocity 30 | |
| OPSDEF | STC_WKL | 1 | | 3 | Velocity 40 | |
| OPSLO | STC_WKL | 1 | | 3 | Velocity 20 | |
| ORAMT1 | DB_WKL | 2 | 500 | 3 | Avg 00:00:05.000 | |
| ORAMT3 | DB_WKL | 1 | | 3 | Velocity 40 | |
| SAPDEF | DB_WKL | 1 | 500 | 3 | 80% 00:00:02.500 | |
| SAPMED | DB_WKL | 1 | | 3 | Velocity 30 | |
| TSO | TSO_WKL | 2 | | 3 | Velocity 30 | |
| TZITRD2 | ONL_WKL | 1 | | 3 | Velocity 5 | |
| UNIX | OMVS_WKL | 2 | 500 | 3 | Velocity 20 | |
| WEBDEF | OMVS_WKL | 1 | | 3 | Velocity 30 | |
| WEBHI | OMVS_WKL | 2 | | 3 | Velocity 30 | |
| WEBLO | OMVS_WKL | 1 | | 3 | Avg 00:00:10.000 | |
| ASCHDEF | STC_WKL | 2 | | 4 | Velocity 20 | |
| BATHI | BAT_WKL | 2 | | 4 | Velocity 20 | |
| BATMED | BAT_WKL | 1 | 15000 | 4 | Velocity 20 | |
| CBLO | ONL_WKL | 1 | | 4 | Avg 00:00:00.900 | |
| DB2PQENC | DB_WKL | 2 | 500 | 4 | 70% 00:00:10.000 | |
| DB2PQTSO | DB_WKL | 3 | | 4 | Velocity 10 | |
| DDFDEF | DB_WKL | 2 | | 4 | Velocity 20 | |
| DDFLO | DB_WKL | 1 | 500 | 4 | 80% 00:00:04.000 | |
| SAPDEF | DB_WKL | 2 | | 4 | Velocity 20 | |
| SAPLO | DB_WKL | 1 | | 4 | Velocity 20 | |
| UNIX | OMVS_WKL | 3 | | 4 | Velocity 10 | |
| ASCHLO | STC_WKL | 2 | | 5 | Velocity 20 | |
| DB2PQDEF | DB_WKL | 1 | | 5 | Velocity 5 | |
| DB2PQENC | DB_WKL | 3 | | 5 | Velocity 5 | |
| DDFLO | DB_WKL | 2 | | 5 | Velocity 10 | |
| ORACLES | DB_WKL | 1 | | 5 | Velocity 10 | |
| ORAMT1 | DB_WKL | 3 | | 5 | Velocity 10 | |
| | | | | | | |

| | | | | | | |
|---------|---------|---|--|---|---------------|--|
| UNCLASS | STC_WKL | 1 | | 5 | Velocity 10 | |
| BATLO | BAT_WKL | 1 | | | Discretionary | |
| BATMED | BAT_WKL | 2 | | | Discretionary | |
| LIMIT | STC_WKL | 1 | | | Discretionary | |
| ORAMT2 | DB_WKL | 1 | | | Discretionary | |

Table 18. Service Policy WLMPOOL goals sorted by workload

| Workload | Service Class | Per | Duration | Imp | Goal | CPU Crit. |
|----------|---------------|-----|----------|-----|------------------|-----------|
| BAT_WKL | BATHI | 1 | 10000 | 3 | Velocity 30 | |
| | | 2 | | 4 | Velocity 20 | |
| | BATLO | 1 | | | Discretionary | |
| | BATMED | 1 | 15000 | 4 | Velocity 20 | |
| | | 2 | | | Discretionary | |
| DB_WKL | DB2PQDEF | 1 | | 5 | Velocity 5 | |
| | DB2PQENC | 1 | 100 | 3 | 85% 00:00:03.000 | |
| | | 2 | 500 | 4 | 70% 00:00:10.000 | |
| | | 3 | | 5 | Velocity 5 | |
| | DB2PQTSO | 1 | 100 | 2 | 90% 00:00:01.000 | |
| | | 2 | 500 | 3 | 80% 00:00:05.000 | |
| | | 3 | | 4 | Velocity 10 | |
| | DDFDEF | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| | DDFHI | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 40 | |
| | DDFLO | 1 | 500 | 4 | 80% 00:00:04.000 | |
| | | 2 | | 5 | Velocity 10 | |
| | ORACLES | 1 | | 5 | Velocity 10 | |
| | ORAMT1 | 1 | 50 | 1 | Avg 00:00:00.015 | |
| | | 2 | 500 | 3 | Avg 00:00:05.000 | |
| | | 3 | | 5 | Velocity 10 | |
| | ORAMT2 | 1 | | | Discretionary | |
| | ORAMT3 | 1 | | 3 | Velocity 40 | |
| | SAPDEF | 1 | 500 | 3 | 80% 00:00:02.500 | |
| | | 2 | | 4 | Velocity 20 | |
| | SAPHI | 1 | | 2 | Velocity 40 | |
| | SAPLO | 1 | | 4 | Velocity 20 | |

| | | | | | | |
|----------|----------|---|-----|---|------------------|--|
| | SAPMED | 1 | | 3 | Velocity 30 | |
| OMVS_WKL | NETVAUTO | 1 | | 1 | Velocity 70 | |
| | NETVNRK | 1 | | 2 | Velocity 50 | |
| | OMVS | 1 | | 1 | Velocity 50 | |
| | UNIX | 1 | 50 | 2 | Velocity 30 | |
| | | 2 | 500 | 3 | Velocity 20 | |
| | | 3 | | 4 | Velocity 10 | |
| | WEBDEF | 1 | | 3 | Velocity 30 | |
| | WEBHI | 1 | 500 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| | WEBLO | 1 | | 3 | Avg 00:00:10.000 | |
| ONL_WKL | CBBERWW | 1 | | 1 | Avg 00:00:00.025 | |
| | CBCICS | 1 | | 1 | Velocity 50 | |
| | CBDEF | 1 | 100 | 2 | 85% 00:00:01.500 | |
| | | 2 | | 3 | Velocity 40 | |
| | CBENCLAV | 1 | | 1 | Velocity 40 | |
| | CBHI | 1 | | 1 | 90% 00:00:00.300 | |
| | CBLO | 1 | | 4 | Avg 00:00:00.900 | |
| | CBTRD2 | 1 | | 2 | Avg 00:00:00.015 | |
| | CICSCONV | 1 | | 2 | Avg 24:00:00.000 | |
| | CICSDEF | 1 | | 2 | 85% 00:00:01.000 | |
| | CICSHI | 1 | | 1 | 90% 00:00:00.500 | |
| | CICSLO | 1 | | 2 | 80% 00:00:02.000 | |
| | IMSDEF | 1 | | 2 | 85% 00:00:01.000 | |
| | IMSHI | 1 | | 1 | 90% 00:00:00.500 | |
| | IMSLO | 1 | | 2 | 80% 00:00:02.000 | |
| | MQDEF | 1 | | 3 | Velocity 30 | |
| | MQEXE | 1 | | 2 | Velocity 40 | |
| | MQPES | 1 | | 1 | Velocity 60 | |
| | TZITRD2 | 1 | | 3 | Velocity 5 | |
| STC_WKL | ASCHDEF | 1 | 500 | 2 | 80% 00:00:01.000 | |
| | | 2 | | 4 | Velocity 20 | |
| | ASCHHI | 1 | 500 | 2 | 90% 00:00:00.500 | |
| | | 2 | | 3 | Velocity 40 | |
| | ASCHLO | 1 | 250 | 3 | 75% 00:00:03.000 | |
| | | 2 | | 5 | Velocity 20 | |
| | LIMIT | 1 | | | Discretionary | |

| | | | | | | |
|---------|---------|---|-----|---|------------------|--|
| | OPSDEF | 1 | | 3 | Velocity 40 | |
| | OPSHI | 1 | | 1 | Velocity 70 | |
| | OPSLO | 1 | | 3 | Velocity 20 | |
| | SPECIAL | 1 | | 1 | Velocity 70 | |
| | UNCLASS | 1 | | 5 | Velocity 10 | |
| TSO_WKL | TSO | 1 | 250 | 2 | 90% 00:00:01.000 | |
| | | 2 | | 3 | Velocity 30 | |
| | TSOTECH | 1 | | 1 | Velocity 60 | |

Service Policy WLMPOL Resource Group Goals

| Resource Group | Minimum Capacity | Maximum Capacity | Description |
|----------------|------------------|------------------|--------------------------------|
| LIMITRG | 0 | 1 | control quiesced nonswappables |

Service Policy WLMPOL Service Classes in Resource Groups

| Service Class | * N O N E | L I M I T R G |
|---------------|-----------------------|---------------------------------|
| ASCHDEF | X | |
| ASCHHI | X | |
| ASCHLO | X | |
| BATHI | X | |
| BATLO | X | |
| BATMED | X | |
| CBBERWW | X | |
| CBCICS | X | |
| CBDEF | X | |
| CBENCLAV | X | |
| CBHI | X | |
| CBLO | X | |

| | | |
|----------|---|---|
| CBTRD2 | X | |
| CICSCONV | X | |
| CICSDEF | X | |
| CICSHI | X | |
| CICSLO | X | |
| DB2PQDEF | X | |
| DB2PQENC | X | |
| DB2PQTSO | X | |
| DDFDEF | X | |
| DDFHI | X | |
| DDFLO | X | |
| IMSDEF | X | |
| IMSHI | X | |
| IMSLO | X | |
| LIMIT | | X |
| MQDEF | X | |
| MQEXE | X | |
| MQPES | X | |
| NETVAUTO | X | |
| NETVNRK | X | |
| OMVS | X | |
| OPSDEF | X | |
| OPSHI | X | |
| OPSLO | X | |
| ORACLES | X | |
| ORAMT1 | X | |
| ORAMT2 | X | |
| ORAMT3 | X | |
| SAPDEF | X | |
| SAPHI | X | |
| SAPLO | X | |
| SAPMED | X | |
| SPECIAL | X | |
| TSO | X | |
| TSOTECH | X | |
| TZITRD2 | X | |
| UNCLASS | X | |
| | | |

| | | |
|--------|---|--|
| UNIX | X | |
| WEBDEF | X | |
| WEBHI | X | |
| WEBLO | X | |

Appendix A. Notepad Information

THIS SERVICE DEFINITION IS FOR SAMPLE PURPOSES ONLY.
IT IS INTENDED TO PROVIDE EXAMPLES OF HOW TO SPECIFY WLM CONSTRUCTS.
INSTALLATIONS ARE EXPECTED TO CHANGE THE SERVICE DEFINITION FOR
THEIR SPECIFIC SITUATION AS APPROPRIATE BEFORE ACTIVATING ANY POLICY.
WE HAVE DOCUMENTED SOME ITEMS WE EXPECT CUSTOMERS TO CHANGE AND
THOSE THINGS WE RECOMMEND THEY DO.

This service definition has a functionality level of LEVEL011.
You need to be aware of the levels supported in your environment
and make sure you remove or disable any functions not supported
by your installation.

Functionality levels are described in detail in the WLM Planning
Manual GC28-1761, in the Chapter on migration.

This service definitions contains 62 service class periods. The number
of service class periods we generally recommend customers to have
ACTIVE on an image at any one time is approximately 30. We have
defined 62 in this sample for completeness to allow you to see
examples of how to classify various work. Clearly you will not need
nor should you have this many service classes defined in your policy.

I/O PRIORITY is turned on in this policy. If an analysis of your DASD
subsystem shows high disconnect times and little or no IOS queue time
then we recommend you set this option to NO. If you have high IOS
queue times and also have high disconnect times then you will have to
evaluate the benefits of using I/O priority management in your
installation. Be aware of the fact when I/O priority management
is turned on, disconnect times are included in the velocity goal
calculation.

High disconnect times will cause the system to calculate
velocity goals that are higher than one would expect to receive if you
did not have high disconnect times.

Since the PI (and subsequent WLM decisions) are based on the goals set
versus goals achieved you will need to set or adjust your velocity
goals appropriately taking this calculation into consideration if
I/O priority is enabled.

```
*****
**  NOTE !!!  1/5/2001          **
*****
```

APAR OW47667 has been taken to eliminate the disconnect time from the
velocity calculation. This APAR is for R8 systems and higher.
When you install this APAR check to see if there is a requirement for
all systems in the sysplex to have this APAR applied.
With this APAR applied we recommend installations enable I/O Priority
Management.

Dynamic Alias Management is set to NO in this service definition, If you set this option to YES, then be sure to check that the PAV PTF's are installed on any R7 and R8 system before installing the policy. The APAR is OW39854. For the same volumes, do not use dynamic (WLM-managed) PAVs on one system unless all sharing systems use dynamic PAVs!

IBM Service Link has a list of supporting PTFs:

PSP bucket upgrade ID: 2105device

Subset ID: 2105MVS/ESA

I/O PRIORITY Management must be enabled if you wish to use Dynamic Alias Management (see paragraph above).

* NEW ORACLE SUBSYSTEM FUNCTION 03/01/03 *

Oracle release 8.1.7.3 and above now supports enclaves. You need to be sure you are at the OSDI level of Oracle. Management of Oracle transactions can be specified by defining a new subsystem named OSDI. Oracle Net has support for a keyword parameter named ENCLAVE. You can specify ENCLAVE(SESS) or ENCLAVE(CALL). The recommendation is to specify ENCLAVE(CALL) as this classifies a transaction every time a request arrives from the client much like DDF acts with THREADS(INACTIVE) and RELEASE(COMIT). Multiple periods and response time goals are appropriate for these types of transactions. See Oracle documentation for more info.

* NEW NETVIEW SUBSYSTEM FUNCTION 7/1/02 *

Netview 1.4 can now support enclaves. These are classified under the subsystem of NETV. APAR OW54858 provides more information regarding this function. Also the WLM web site at URL: <http://www-1.ibm.com/servers/eserver/zseries/zos/wlm/pdf/wlmNETV.pdf> has presentation material about this function. Please note that if you choose to implement this capability and do not follow the proper procedures for the NETVIEW tasks, they will default to the SYSOTHER service class.

* NEW INITIMP KEYWORD IN SYS1.PARMLIB(IEAOPTXX) 03/1/03 *

The default dispatching priority of the initiator address spaces is set to SYSSTC(254) in Goal Mode. In Compatibility mode the DP of the initiators was controlled by the use of the PVLDP keyword in the IEAIPSxx member of parmlib. There is now a new option in the IEAOPTxx member of parmlib to control the dispatching priority of initiators in Goal Mode. The keyword is INITIMP=x, where x can be either (0,1,2,3 or E). The default= 0. See INIT and TUNING Reference for more information on this keyword when available. OW55344 is the APAR that will support this function when available.

!!
! HIGHLY RECOMMENDED ACTION ITEMS: !
!!

- A) READ ALL DOCUMENTATION !
 - ITSO Redbook SG24-5326
 - MVS Planning: WLM GC28-1761
 - WSC Migration Guide and Checklist (WSC Web page below)

WSC homepage:

//http://www-1.ibm.com/support/techdocs/atmastr.nsf

WLM homepage==> http://www.ibm.com/s390/wlm/

B) Provide a default service class and a unique report class for all subsystems and monitor your RMF reports for tasks that fall into this service class and reclassify them appropriately. Use the UNCLASS service class for all unclassified work in the absence of any other service class of your own. You should use this service class where you have no classification rules defined and provide a unique report class so you can easily identify which subsystem the work is coming from.

C) Use the SPM system rules to classify SYSTEM and SYSSTC work appropriately. See the WLM planning manual section on classifying system tasks.

!!!!!!!!!!!!!!!!!!!!

NOTE: If a program has been assigned the SYST attribute in either the program properties table (PPT) in IEFSDPPT in SYS1.LINKLIB or in the SCHEDxx member of SYS1.PARMLIB, then the address spaces executing these programs will be classified to SYSSTC unless you explicitly specify a classification rule for these tasks before the SPM rules.

D) We advise you to manage your CICS and IMS applications initially in non-server mode with a velocity goal and implement transaction level classification at a later date when you have become more comfortable with your migration to goal mode. The classification rules for CICS and IMS provided are examples and if used must be modified to your transactions names.

In this policy the production CICS/IMS regions are managed to the transactions they execute. The test CICS/IMS regions are managed at the region level with a velocity goal for all the transactions executing in those regions. You may wish to break out the IMS dependent regions into their own service class with a slightly lower velocity for the test regions in this case. If you do not plan to use CICS/IMS transaction classification, then in the STC classification rules for the CICS/IMS test regions specify that these regions are to be managed by REGION goals as opposed to TRANSACTION goals. Scroll to the right (PF11) to view this field.

In R10:

If you specify CICS/IMS classification rules you will be able to get response time information in the RMF reports even though the regions are not being managed to the transaction service classes. You must specify service and report classes here to accomplish this. If you are using a release of the OS before R10 then you must delete all the entries from the CICS/IMS classification rules in order to have the regions managed properly. See the next paragraph for further information.

IMPORTANT information on CICS and IMS transactions: Prior to R10, CICS and IMS transactions can be assigned only response time goals (either percentile or average) within single period service classes. If you do not define any goals at all for CICS or IMS work, then the work will be managed to the velocity of the address spaces. Once you have defined a response time transaction goal for CICS or IMS work, then ALL subsequent work will be managed to those transaction goals, not to the velocity goals of the address spaces. For example, you may initially be managing all CICS work to the velocity goals of the CICS address space. If you define a response

time goal for ONE CICS transaction, you will be required to declare a default goal as part of that definition. Now ALL CICS transactions will be managed to those response time goals, even if they must accept the default.

THE EXCEPTION TO THIS IS WHEN YOUR SYSTEM IS AT R10 OR HIGHER WITH APAR OW43813 installed.

R10 systems and higher:

Permits the management of CICS/IMS using transaction goals for some regions while allowing other CICS/IMS regions to be managed using velocity goals. Other enhancements for classification have been implemented in this release also.

Exploitation of any new R10 function causes a new functionality level in the service definition (Functionality Level 011). This level also imposes new restrictions on the service definition.

See WLM home page <http://www.ibm.com/s390/wlm/> and review item "Protecting Your Loved Ones-WLM Goal Mode Enhancements..R10" for more information on this as well as the WLM planning manual.

E) Clarification on JES classification rules using Subsystem Collection.

In OS/390 R10 new classification support allows work to be classified by system name. System name, however, cannot be used for JES. This is because the WLM classification call will be made on the system where the job ends conversion, which may or may not be the system where the job ends up being executed.

Another classification qualifier, Subsystem Collection Name (SSC), is provided which allows JES work to be segregated by MAS.

For JES shared spool complexes, the XCF group name, (in WLM it's called Subsystem Collection Name), should be used to provide classification integrity across the JES-PLEX members. The use of the system name qualifier is prohibited for JES rules. For JES2 you can display the appropriate name to use with the \$DMASDEF command. The "XCFGRPNM" field will be displayed with the name of the qualifier you need to specify with the SSC type parameter of the JES classification rules. Using the SSC technique for JES rules will allow those with multiple JES MAS's to classify similar work differently among those JES MAS's. For example, batch job "compile" can have a jobclass of C and be assigned service class "BATFAST" in one JES MAS and service class "BATSLOW" in a different JES MAS as shown below. Each JES MAS of course may have multiple members (images).

| | | | | | |
|-------|---|-----|---------|-------|---------|
| _____ | 1 | SSC | WSCSYS1 | _____ | _____ |
| _____ | 2 | TC | C | _____ | BATFAST |
| _____ | 1 | SSC | WSCSYS2 | _____ | _____ |
| _____ | 2 | TC | C | _____ | BATSLOW |

Items that will need your attention:

- a) You must change the goals and importance levels to meet the needs of your workloads. In the absence of any data of your own, the goals for CB*, DDF*, OMVS, UNIX, ASCH*, TSOTECH, WEB* and UNCLASS service classes should be good starting points. You will need to modify the classification rules to suit your installation. In the absence of any data of your own, the rules for OMVS, WEB and SAP subsystems should be good starting points.
- b) Modify the names of any constructs (workloads, service classes, and report classes) to suit your own naming conventions if necessary.
- c) Modify or delete any application or scheduling environments as appropriate for your installation.

d) Review the service definition coefficient settings and change them to meet your requirements.

Remember to change any durations accordingly.

e) Regarding the IWEB Subsystem:

Use of Transaction Class qualifiers:

This is probably the most useful qualifier because of its flexibility. Transaction class is the arbitrary class name you specify in the ApplEnv directive in the Web server configuration file. You can use the filtering function in the Web server to assign transactions to transaction classes based on the requested URL. Then in turn, the transaction classes can be assigned unique service classes via the WLM policy using the transaction class qualifier.

There is also a directive to specify the transaction class to be used by work performed by the Fast Response Cache Accelerator or FRCA. FRCA support was introduced in OS/390 R7. You must classify this work as documented in the WLM planning manual under "Defining Work Qualifiers" (IWEB).

If a service class isn't coded in the rules for this the enclave defaults to the IWEB default or SYSOTHER if there are no IWEB rules.

f) For the CB rules and IWEB rules (as well as others) it is highly useful to specify unique report classes for transactions that use the same service class. This allows you to better isolate various transactions and their performance and greatly help with any problem determination tasks.

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