

# BMC Control-M/Enterprise Manager v7.0.00

## PHYSICAL DATA MODEL

## ACTIVE NET

<b>&lt;TableCode&gt;_SETVAR</b> ORDER_ID VARCHAR(5) NAME VARCHAR(64) VALUE VARCHAR(4000) GLOBAL_IND VARCHAR(1) ISL NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_DO_S500UT</b> ORDER_ID VARCHAR(5) SYSPOT VARCHAR(14) PARAM VARCHAR(255) FROM_CLASS VARCHAR(1) IF VARCHAR(1) DO_NO NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_STEP_RANGE</b> ORDER_ID VARCHAR(5) NAME VARCHAR(7) FROM_PGMSTEP VARCHAR(7) FROM_PROJSTEP VARCHAR(8) TO_PGMSTEP VARCHAR(8) TO_PROJSTEP VARCHAR(8) ISL NUMBER	<b>&lt;TableCode&gt;_JOB</b> ORDER_ID VARCHAR(5) APPLICATION VARCHAR(64) GROUP_NAME VARCHAR(64) MEMO VARCHAR(64) RPA VARCHAR(64) CPRG_RPA VARCHAR(64) MEMO VARCHAR(255) OWNER VARCHAR(30) JOB_TYPE VARCHAR(1) JOB_NAME VARCHAR(64) JOB_ID VARCHAR(7) DATA VARCHAR(64) NUMBER DESCRIPTION VARCHAR(4000) FROM_PGMSTEP VARCHAR(7) FROM_PROJSTEP VARCHAR(8) TO_PGMSTEP VARCHAR(8) TO_PROJSTEP VARCHAR(8) CONFIRM_FLAG VARCHAR(1) PRECHARGE_IC2 VARCHAR(1) DOC_MEM VARCHAR(64) VARIABLES VARCHAR(64) FROM_TIME VARCHAR(64) TO_TIME VARCHAR(64) INTERVAL VARCHAR(64) PERUN_NUM VARCHAR(4) NEXT_TIME VARCHAR(4) PRECHARGE VARCHAR(1) CLPD_TIME VARCHAR(5) NUE NUMBER SEARCH_COUNT NUMBER MAX_RECUR NUMBER AUTOMATICALLY VARCHAR(1) SYSDOB NUMBER MAX_DAYS NUMBER MAX_RECURS NUMBER AVG_RUNTIME VARCHAR(64) STD_DEV VARCHAR(64) SYSPOT VARCHAR(1) FROM_CLASS VARCHAR(255) STATUS VARCHAR(15) STATUS VARCHAR(1) DELETE_FLAG VARCHAR(1) SEQ_CNT NUMBER END_TIME VARCHAR(4) START_TIME VARCHAR(4) REPAIR_COUNTER NUMBER NR_RECORDS NUMBER CYCLE VARCHAR(1) CMD_LINE VARCHAR(12) CRITICAL VARCHAR(1) CYCLE VARCHAR(1) DUE_OUT VARCHAR(64) E_LASER VARCHAR(1) NEDEGROUP VARCHAR(5) TASK_CLASS VARCHAR(3) RETN_CYCLIC VARCHAR(1) RETN_GEN VARCHAR(1) RETN_ENG VARCHAR(2) ORDER_TABLE VARCHAR(1) ORDER_LIB VARCHAR(64) STORY_FN VARCHAR(1) SEQ_CNT_ADDED NUMBER SHOCKY NUMBER DUESEI_FVAL VARCHAR(10) ISL NUMBER TIME_REF VARCHAR(1) INSTRUM_JCL VARCHAR(1) APPL_PERM VARCHAR(1) APPL_PERM VARCHAR(1) CM_VBR VARCHAR(1) TASK_AGENT VARCHAR(1) MULTI_TASK VARCHAR(1) SCHEDULE_ENV VARCHAR(1) SVS_AFFINITY VARCHAR(1) REQ_NUE_NODE VARCHAR(1) ADJUST_COND VARCHAR(1) INSTRUM_JCL VARCHAR(5) STAT_CAL VARCHAR(1) INSTRUM_JCL VARCHAR(1) INSTRUM_JCL VARCHAR(1) DUE_OUT_DAYSOFFSET VARCHAR(3) FROM_DAYSOFFSET VARCHAR(3) DAYSOFFSET VARCHAR(3) ORDER_TIME VARCHAR(4) AVG_RUNTIME VARCHAR(4) CPL_TIME NUMBER EM_STAT_CAL_CTM VARCHAR(20) EM_STAT_CAL VARCHAR(1) EM_STAT_PERIOD VARCHAR(1) INTERVAL_SEQUENCE VARCHAR(200) SPECIES_TIMES NUMBER TOLERANCE NUMBER CYCLE VARCHAR(1) CURRENT_RUN NUMBER EXECUTED_RUNTIME VARCHAR(5) DEF_NDEGROUP VARCHAR(5) NDEGROUP_SET_BY VARCHAR(5) FAILURE_RC VARCHAR(5) FAILURE_RC_STEP VARCHAR(5) FAILURE_RC_PROJSTEP VARCHAR(5) HIGHEST_RC_STEP VARCHAR(5) HIGHEST_RC_PROJSTEP VARCHAR(5) HIGHEST_RC_MEMNAME VARCHAR(5) ASSIGNED_PROC VARCHAR(5) CM_STATUS VARCHAR(2) DEFEND_SERVICE_IN VARCHAR(1) DEFEND_SERVICE_OUT VARCHAR(1)
<b>&lt;TableCode&gt;_DO</b> ORDER_ID VARCHAR(5) IF_NO NUMBER ACTION VARCHAR(5) NUMBER	<b>&lt;TableCode&gt;_BIMSYVC</b> ORDER_ID VARCHAR(5) SERVICE_ID VARCHAR(100)	<b>&lt;TableCode&gt;_ON</b> ORDER_ID VARCHAR(5) IF_NO NUMBER ON_NO NUMBER STMT VARCHAR(32) PROC_STEP VARCHAR(1) PROC_STEP VARCHAR(8) CODE VARCHAR(8) ADL_OR VARCHAR(1) PGM_BLOCK VARCHAR(1) FIND_SYSDOB_PATTERN VARCHAR(40) FIND_PATTERN_FROM VARCHAR(3) FIND_PATTERN_TO VARCHAR(3)	<b>&lt;TableCode&gt;_SHOUT</b> ORDER_ID VARCHAR(5) WHEN_COND VARCHAR(10) SHOUT_TIME VARCHAR(5) URGENCY VARCHAR(1) DESTINATION VARCHAR(14) MESSAGE VARCHAR(255) ISL NUMBER SHOUT_DAYSOFFSET VARCHAR(3)
<b>&lt;TableCode&gt;_DO_COND</b> ORDER_ID VARCHAR(5) CONDICTION VARCHAR(6) ODATE VARCHAR(1) SIGN VARCHAR(1) IF_NO NUMBER NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_DO_CTLRULE</b> ORDER_ID VARCHAR(5) RULE_NAME VARCHAR(8) PARAMETERS VARCHAR(4) PREY_DATE VARCHAR(6) PREY_DATE VARCHAR(6) IF_NO NUMBER NUMBER DO_NO NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_RES_P</b> CONDITION VARCHAR(255) ODATE VARCHAR(4)	<b>&lt;TableCode&gt;_DO_MAIL</b> ORDER_ID VARCHAR(5) URGENCY VARCHAR(1) DESTINATION VARCHAR(255) CC_DESTINATION VARCHAR(255) SUBJECT_LINE VARCHAR(64) MESSAGE VARCHAR(4000) DO_NO NUMBER ISL NUMBER ATTACH_SYSDOB VARCHAR(1)
<b>&lt;TableCode&gt;_DO_FORCE</b> ORDER_ID VARCHAR(5) SCHED_TABLE VARCHAR(770) JOBNAMEVAR(4000) VDATE VARCHAR(1) IF_NO NUMBER DO_NO NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_LNWKQ_P</b> ORDER_ID VARCHAR(5) CONDICTION VARCHAR(255) ODATE VARCHAR(4) SIGN VARCHAR(1) ISL NUMBER	<b>&lt;TableCode&gt;_RES_C</b> RESOURCE VARCHAR(64) SEQ_CNT NUMBER STATUS VARCHAR(6) PRIORITY VARCHAR(1) COUNTER NUMBER ORDER_ID VARCHAR(5)	<b>&lt;TableCode&gt;_RES_Q</b> RESOURCE VARCHAR(64) TEXT VARCHAR(1) RPA VARCHAR(1) QUANT NUMBER MAX_RES NUMBER PRIORITY VARCHAR(1) ORDER_ID VARCHAR(5)
<b>A101218001_AIPES</b> ORDER_ID VARCHAR(5) FLAG VARCHAR(1) PPE_NAME VARCHAR(1) ISL NUMBER	<b>&lt;TableCode&gt;_SHOUT</b> ORDER_ID VARCHAR(5) WHEN_COND VARCHAR(10) SHOUT_TIME VARCHAR(5) URGENCY VARCHAR(1) DESTINATION VARCHAR(14) MESSAGE VARCHAR(255) ISL NUMBER SHOUT_DAYSOFFSET VARCHAR(3)	<b>&lt;TableCode&gt;_EVT</b> EVT_NO NUMBER DATETIME VARCHAR(1) EVT_TIME VARCHAR(1) NEW_VALUE VARCHAR(1) OLD_VALUE VARCHAR(1) ORDER_ID VARCHAR(5) STATE_DIGITS_NEW_FFU VARCHAR(15) STATE_DIGITS_OLD_FFU VARCHAR(15)	<b>DOWNLOAD</b> DOWNLOAD_DATE DATETIME DATA_EXTRACT VARCHAR(12) NETNAME VARCHAR(2) DC_CODE VARCHAR(3) FROM_PGMSTEP VARCHAR(5) DB_UPDATE_LEVEL NUMBER NR_RES_C NUMBER NR_RES_P NUMBER NR_LNK_C NUMBER NR_LNK_Q NUMBER NR_LNK_O NUMBER NR_SEVAR NUMBER NR_SEVAR NUMBER NR_STEP_RANGE NUMBER NR_ON NUMBER NR_OFF NUMBER NR_DO_SEVAR NUMBER NR_DO_SHOUT NUMBER NR_DO_SYSDOB NUMBER NR_DO_FORCE NUMBER NR_DO_IFERUN NUMBER NR_DO_COND NUMBER NR_DO_MAIL NUMBER NR_DO_CTLRULE NUMBER NR_CTES NUMBER NR_PIPES NUMBER NR_NOTES NUMBER DEL_TIME DATETIME NETDATE VARCHAR(8) NR_REMEDY NUMBER
<b>&lt;TableCode&gt;_CTB_STEP</b> ORDER_ID VARCHAR(5) VATION VARCHAR(1) TYPE VARCHAR(1) RULE_NAME VARCHAR(8) PARAMETERS VARCHAR(8) ISL NUMBER	<b>&lt;TableCode&gt;_NOTES</b> ORDER_ID VARCHAR(5) TEXT VARCHAR(255) ISL NUMBER	<b>&lt;TableCode&gt;_LNKI_C</b> ORDER_ID VARCHAR(5) RESOURCE VARCHAR(4) TYPE VARCHAR(1) ISL NUMBER HANDLE_RES_NOTOK VARCHAR(1)	<b>&lt;TableCode&gt;_LNKI_Q</b> ORDER_ID VARCHAR(5) CONDITION VARCHAR(255) ODATE VARCHAR(1) AND_OR VARCHAR(1) PARENTESSES VARCHAR(1) ISL NUMBER ORDER_ID VARCHAR(5) ISL NUMBER
<b>&lt;TableCode&gt;_DO_REMEDY</b> ORDER_ID VARCHAR(5) URGENCY VARCHAR(1) DESCRIPTION VARCHAR(255) SUMMARY VARCHAR(255) IF_NO NUMBER NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_DO_SETVAR</b> ORDER_ID VARCHAR(5) GLOBAL_IND VARCHAR(1) VALUE VARCHAR(4000) VALUE VARCHAR(4000) IF_NO NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_DO_SHOUT</b> URGENCY VARCHAR(1) MESSAGE VARCHAR(255) DESTINATION VARCHAR(14) IF_NO NUMBER NUMBER ISL NUMBER	<b>&lt;TableCode&gt;_DO_REMEDY</b> ORDER_ID VARCHAR(5) RESOURCE VARCHAR(4) TYPE VARCHAR(1) ISL NUMBER HANDLE_RES_NOTOK VARCHAR(1)

## JOB & CALENDAR DEFINITIONS

[illegible]

## BATCH IMPACT MANAGER AND FORECAST

[illegible]

## AUTHORIZATIONS & AUDIT

AUDIT ACTIVITIES		GENERAL AUTHORIZATIONS		USER PREFERENCES DATA		JOB ACTIONS	
SERIAL	NUMBER	USER NAME	VARCHAR(64)	FK1 ID	NUMBER	USER NAME	VARCHAR(64)
1	USER NAME	VARCHAR(64)	NUMBER	NAME	NUMBER	ISGROUP	NUMBER
2	HOSTNAME	VARCHAR(255)	NUMBER	VALUE	VARCHAR(1024)	ACTTYPE	NUMBER
	DATE	VARCHAR(64)	NUMBER				
	OPERATION	VARCHAR(255)	NUMBER				
	AUTHORIZED	VARCHAR(1)	NUMBER				
	ORIGINATOR	VARCHAR(1)	NUMBER				
	DATA_CENTER_NAME	VARCHAR(20)	NUMBER				
	TABLE_NAME	VARCHAR(64)	NUMBER				
	ORIGIN_DATE	VARCHAR(8)	NUMBER				
	JOB_NAME	VARCHAR(64)	NUMBER				
	MEM_NAME	VARCHAR(64)	NUMBER				
	CALCULATED_NAME	VARCHAR(64)	NUMBER				
	JOB_OFFSET	VARCHAR(255)	NUMBER				
	CONDITION_NAME	VARCHAR(255)	NUMBER				
	ORIGIN_DATE	VARCHAR(8)	NUMBER				
	RESOURCE_NAME	VARCHAR(255)	NUMBER				
	RESOURCE_TYPE	VARCHAR(255)	NUMBER				
	RESOURCE_QUANTITY	NUMBER	NUMBER				
	RESOURCE_QUANTITY_DIFF	NUMBER	NUMBER				
	GLOBAL_PREFIX	VARCHAR(255)	NUMBER				
	REASON	VARCHAR(1)	NUMBER				
	CHANGED BY	VARCHAR(255)	NUMBER				
	DESCRIPTION	VARCHAR(255)	NUMBER				
	USER NAME	VARCHAR(64)	NUMBER				
	GROUP_NAME	VARCHAR(64)	NUMBER				
	ORIGINAL_USER_NAME	VARCHAR(64)	NUMBER				
	ORIGINAL_GROUP_NAME	VARCHAR(64)	NUMBER				
	SYSTEM_USER NAME	VARCHAR(10)	NUMBER				
	SYSTEM_INDEX	VARCHAR(1)	NUMBER				
	REMOVED_TICKET	VARCHAR(1)	NUMBER				
	APPLICATOR	VARCHAR(2)	NUMBER				
	CHWER	VARCHAR(10)	NUMBER				
	COMPACT_NEEDED	VARCHAR(1)	NUMBER				
	COMP	VARCHAR(32)	NUMBER				
	COMP_NAME	VARCHAR(32)	NUMBER				
	ADDITIONAL_DATA	VARCHAR(1024)	NUMBER				
	CATEGORY	VARCHAR(8)	NUMBER				
	SUB_CATEGORY	VARCHAR(8)	NUMBER				
	FROM VALUE	text					
	TO VALUE	text					
	CONTEXT	text					
	OR CODE	VARCHAR(64)	NUMBER				
	JOB_GROUP_NAME	VARCHAR(64)	NUMBER				
	APPLICATION	VARCHAR(2)	NUMBER				
	DAY	VARCHAR(64)	NUMBER				
	YEAR	VARCHAR(4)	NUMBER				
	MONTH	VARCHAR(2)	NUMBER				
	DAY OF THE MONTH	VARCHAR(2)	NUMBER				
13	USER_CATEGORY	VARCHAR(128)	NUMBER				

  

AUDIT OPERATIONS	
OPERATION	NUMBER
OPERATION	VARCHAR(255)
OPERATION_TYPE	NUMBER
OPERATION_TYPE	VARCHAR(255)

  

AUDIT ATTRIBUTES	
FK1 OPERATION	VARCHAR(255)
ATTR_ATTRIBUTE	VARCHAR(255)

  

USER PREFERENCES	
ID	NUMBER
USER NAME	VARCHAR(64)
LAST_UPDATE_TIME	VARCHAR(7)

  

SERVICE AUTHORIZATIONS	
USER NAME	VARCHAR(64)
ISGROUP	NUMBER
SERVICE_FILTER	NUMBER
AUTHORIZATION_LEVEL	NUMBER

  

USERSGROUPS	
USER NAME	VARCHAR(64)
ISGROUP	NUMBER

  

ACTIONS AUTH	
DESTINATION	VARCHAR(20)
ACTION	VARCHAR(20)
CATEGORY	VARCHAR(20)
AUTH_LEVEL	VARCHAR(255)
AUDIT_OPERATION	VARCHAR(255)
AUDIT_FIELDS	VARCHAR(1024)
ACTION_TYPE	VARCHAR(1)
ADDITIONAL_INFO	VARCHAR(100)

  

ACTIVE JOBS AUTHORIZATIONS	
USER NAME	VARCHAR(64)
ISGROUP	NUMBER
AUTHORIZATION_LEVEL	NUMBER
TERMINEX	NUMBER
TERMYTIME	NUMBER
MATCHINGINDEX	NUMBER
FIELNAME	VARCHAR(64)
OPERATOR	NUMBER
FIELDVALUE	VARCHAR(255)

  

PASSWORD_HISTORY	
USER NAME	VARCHAR(64)
OLD PASSWORD	VARCHAR(64)
START_DATE	NUMBER

  

RESOURCE AUTHORIZATIONS	
USER NAME	VARCHAR(64)
ISGROUP	NUMBER
AUTHORIZATION_LEVEL	NUMBER
TERMINEX	NUMBER
TERMYTIME	NUMBER
MAX_MATCHINDEX	NUMBER
RESOURCE_TYPE	NUMBER
FIELNAME	VARCHAR(64)
OPERATOR	NUMBER
FIELDVALUE	VARCHAR(255)

  

SSL_CA	
CREATE_DATE	VARCHAR(14)
DESCRIPTION	VARCHAR(128)
PASSPHRASE	VARCHAR(10)
CA_CERT	text
CA_CERT	text

  

LDAP_GROUPS
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## SELF SERVICE

### SERVICE\_HIST

SERVICE_KEY	VARCHAR(100)
SERVICE_CODE	VARCHAR(8)
LOG_ID	NUMBER
BIM_AUTH_ID	VARCHAR(64)
VERNO	NUMBER(20)
SERVICE_DESCRIPTION	VARCHAR(4000)
SERVICE_STATUS	NUMBER
STATUS_REASON	VARCHAR(100)
ORDER_TIME	VARCHAR(17)
EXT_ORDER_TIME	VARCHAR(17)
EXT_ACTUAL_START_TIME	VARCHAR(17)
EXT_ACTUAL_END_TIME	VARCHAR(17)
EXT_ESTIMATED_START_TIME	VARCHAR(17)
EXT_ESTIMATED_END_TIME	VARCHAR(17)
EXT_ESTIMATED_FINISH_TIME	VARCHAR(17)
EXT_DEADLINE_TIME	VARCHAR(17)
EXT_SLACK_TIME	VARCHAR(17)
EXT_DEADLINE_TIME	VARCHAR(17)
EXT_DEADLINE_TIME	VARCHAR(17)
PROGNO	NUMBER
ORDERED_BY	VARCHAR(64)
JOB_TOTAL	NUMBER
JOB_EXECUTED	NUMBER
JOB_WAIT_CONDITION	NUMBER
JOB_WAIT_RESOURCE	NUMBER
JOB_PRIORITY	NUMBER
JOB_WAIT_NODE	NUMBER
JOB_WAIT_WORKLOAD	NUMBER
JOB_WAIT_COMPLETED	NUMBER
JOB_ERROR	NUMBER
JOB_UNKNOWN	NUMBER
JOB_ERROR	VARCHAR(255)
LAST_UPDATE	VARCHAR(17)

### SERVICE\_LOG

LOG_ID	NUMBER
SERVICE_KEY	VARCHAR(100)
STATUS_REASON	VARCHAR(100)
STATUS_REASON_TO	VARCHAR(100)
SERVICE_TYPE	VARCHAR(1)
CTM_CODE	VARCHAR(8)
ORDERED_BY	VARCHAR(64)
LOG_TYPE	NUMBER
SERVICE_NAME	VARCHAR(200)
ORDER_ID	NUMBER
DATE_CENTER	VARCHAR(20)
ACTIVE_NET_NAME	VARCHAR(100)
LOG_ID	NUMBER
LOG_DATE_IDX	NUMBER
VARSLACK_TIME	NUMBER
EXT_ORDER_TIME	VARCHAR(17)
ORDER_DATE_IDX	NUMBER
ORDERED_BY	VARCHAR(64)
STATUS_TO	NUMBER
EXPECTED_FINISH_TIME	VARCHAR(17)
EXPECTED_FINISH_TIME	VARCHAR(17)
ACTUAL_START_TIME	VARCHAR(17)
ACTUAL_START_TIME	VARCHAR(17)
ACTUAL_FINISH_TIME	VARCHAR(17)
ACTUAL_FINISH_TIME	VARCHAR(17)
EXT_FINISH_TIME	VARCHAR(17)
EXT_FINISH_TIME	VARCHAR(17)
EXT_FINISH_TIME	VARCHAR(17)
JOB_STATUS	NUMBER
SLOTTIME	NUMBER
STATUS_FINAL	NUMBER
CTM_CODE_OFFSET	NUMBER
DELTA_COMPLETION	NUMBER
DESCRIPTION	VARCHAR(255)
VARSLACK	VARCHAR(255)
RESERV2	VARCHAR(255)
RESERV3	VARCHAR(255)

### SERVICEDEFS\_PARAMS

FK1_SERVICE_ID	NUMBER
PARAM_NAME	VARCHAR(64)
DISPLAY_NAME	VARCHAR(255)
REQUIRED	NUMBER
PARAM_TYPE	VARCHAR(5)
VALIDATION	NUMBER
ISN	NUMBER

### SERVICERULES\_FILTERS

FK1_RULE_ID	NUMBER
TERM_NAME	NUMBER
MATCHINGINDEX	NUMBER
FILDENAME	VARCHAR(64)
OPERATOR	NUMBER
FILDEVALUE	VARCHAR(4000)

### SERVICEDEFS

SERVICE_ID	NUMBER
L2_NAME	VARCHAR(200)
DESCRIPTION	VARCHAR(400)
ORDERABLE	NUMBER
INSTANTIATION_TYPE	NUMBER
CREATE_TIME	VARCHAR(17)
CREATED_BY	VARCHAR(64)
LAST_UPDATED	VARCHAR(17)
IFLTER_CHECKSUM	VARCHAR(128)

### SERVICERULES

RULE_ID	NUMBER
L2_NAME	VARCHAR(200)
DESCRIPTION	VARCHAR(400)
INSTANTIATION_TYPE	NUMBER
GROUPBY_FIELDS	VARCHAR(255)
ORDERABLE	NUMBER
ISN	NUMBER
NAME_FORMAT	VARCHAR(60)
DESCRIPTION_FORMAT	VARCHAR(1000)
CREATED_BY	VARCHAR(64)
CREATED_BY	VARCHAR(64)
LAST_UPDATED	VARCHAR(17)
LAST_UPDATED	VARCHAR(17)
LAST_USE_TIME	VARCHAR(17)
LAST_USED_BY	VARCHAR(64)

### SERVICE\_HIST\_APM

BIM_AUTH_ID	VARCHAR(64)
APPLICATION	VARCHAR(64)
DATE_CENTER	VARCHAR(20)
CRITICAL	VARCHAR(1)
CYC	VARCHAR(1)
DESCRIPTION	VARCHAR(4000)
EMERGENCY	VARCHAR(1)
GROUP_NAME	VARCHAR(64)
JOB_NAME	VARCHAR(64)
MEMNAME	VARCHAR(64)
OWNER	VARCHAR(64)
TASK_TYPE	VARCHAR(21)
LAST_UPDATE	VARCHAR(17)

### SERVICE\_HIST\_CTM

SERVICE_KEY	VARCHAR(100)
CTM_CODE	VARCHAR(8)
CTM_CODE	VARCHAR(8)
NET_NAME	VARCHAR(12)
JOB_TOTAL	NUMBER
JOB_EXECUTED	NUMBER
JOB_WAIT_CONDITION	NUMBER
JOB_WAIT_RESOURCE	NUMBER
JOB_WAIT_USER	NUMBER
JOB_WAIT_LOAD	NUMBER
JOB_WAIT_WORKLOAD	NUMBER
JOB_COMPLETED	NUMBER
JOB_ERROR	NUMBER
JOB_UNKNOWN	NUMBER
LAST_UPDATE	VARCHAR(17)

### SERVICEDEFS\_FILTERS

FK1_SERVICE_ID	NUMBER
TERM_NAME	NUMBER
TERM_NAME	NUMBER
MATCHINGINDEX	NUMBER
FILDENAME	VARCHAR(64)
OPERATOR	NUMBER
FILDEVALUE	VARCHAR(4000)

### SERVICE\_HIST\_PARAMS

SERVICE_KEY	VARCHAR(100)
PARAM_NAME	VARCHAR(64)
VALUE	VARCHAR(4000)

## GENERAL PARAMETERS

[illegible]

## REPORTING & MEASUREMENTS

```

graph TD
    subgraph WL_FILTER_DEFS
        FK1_VL_VERSION_ID[FK1_VL_VERSION_ID INT]
        FK1_VL_NAME[FK1_VL_NAME VARCHAR(20)]
        FK1_FIELD_NAME[FK1_FIELD_NAME VARCHAR(64)]
        FK1_FIELD_VALUE[FK1_FIELD_VALUE VARCHAR(255)]
    end

    subgraph WL_NODE_MAP
        FK1_VL_VERSION_ID[FK1_VL_VERSION_ID INT]
        FK1_VL_NAME[FK1_VL_NAME VARCHAR(20)]
        DEF_ORDER[DEF_ORDER INT]
        DATA_CENTER[DATA_CENTER VARCHAR(20)]
        FROM_TIME[FROM_TIME VARCHAR(8)]
        TO_TIME[TO_TIME VARCHAR(8)]
        NG[NG VARCHAR(50)]
    end

    subgraph WL_Q_RES
        FK1_VL_VERSION_ID[FK1_VL_VERSION_ID INT]
        FK1_VL_NAME[FK1_VL_NAME VARCHAR(20)]
        DEF_ORDER[DEF_ORDER INT]
        DATA_CENTER[DATA_CENTER VARCHAR(20)]
        RESOURCE[RESOURCE VARCHAR(64)]
        QUANT_LIMIT[QUANT_LIMIT INT]
        PERIOD_ID[PERIOD_ID INT]
    end

    subgraph WL_PERIOD_DEFS
        PERIOD_ID[PERIOD_ID INT]
        DATE_TYPE[DATE_TYPE VARCHAR(5)]
        SUNDAY[SUNDAY VARCHAR(1)]
        MONDAY[MONDAY VARCHAR(1)]
        TUESDAY[TUESDAY VARCHAR(1)]
        WEDNESDAY[WEDNESDAY VARCHAR(1)]
        THURSDAY[THURSDAY VARCHAR(1)]
        FRIDAY[FRIDAY VARCHAR(1)]
        SATURDAY[SATURDAY VARCHAR(1)]
        FROM_DATE[FROM_DATE VARCHAR(8)]
        TO_DATE[TO_DATE VARCHAR(8)]
        WEEK_DAY[WEEK_DAY VARCHAR(3)]
        SPEC_DATE[SPEC_DATE VARCHAR(1024)]
        TIME_TYPE[TIME_TYPE VARCHAR(1)]
        FROM_TIME[FROM_TIME VARCHAR(8)]
        TO_TIME[TO_TIME VARCHAR(8)]
    end

    subgraph WL_RUN_JOBS
        FK1_VL_VERSION_ID[FK1_VL_VERSION_ID INT]
        FK1_VL_NAME[FK1_VL_NAME VARCHAR(20)]
        USER_ID[USER_ID INT]
        DATA_CENTER[DATA_CENTER VARCHAR(20)]
        JOBS_LIMIT[JOBS_LIMIT INT]
        PERIOD_ID[PERIOD_ID INT]
    end

    subgraph WORKLOAD_VERSION
        VERSION_ID[VERSION_ID INT]
        VERSION_DATA[VERSION_DATA VARCHAR(17)]
        USERNAME[USERNAME VARCHAR(64)]
        LOG_MESSAGE[LOG_MESSAGE VARCHAR(1024)]
        LOCKED[LOCKED INT]
    end

    subgraph WORKLOADS
        FK1_VL_VERSION_ID[FK1_VL_VERSION_ID INT]
        FK1_VL_NAME[FK1_VL_NAME VARCHAR(20)]
        WL_ORDER[WL_ORDER INT]
        STATE[STATE VARCHAR(1)]
        CREATE_TIME[CREATE_TIME VARCHAR(17)]
        CREATED_BY[CREATED_BY VARCHAR(64)]
        FILTER_UPDATE_TIME[FILTER_UPDATE_TIME VARCHAR(17)]
        FILTER_UPDATED_BY[FILTER_UPDATED_BY VARCHAR(64)]
        DATA_UPDATE_TIME[DATA_UPDATE_TIME VARCHAR(17)]
        DATA_UPDATED_BY[DATA_UPDATED_BY VARCHAR(64)]
        DESCRIPTION[DESCRIPTION VARCHAR(1024)]
    end

    subgraph NODE_RESTRICTIONS
        DATA_CENTER[DATA_CENTER VARCHAR(20)]
        NODES_PATTERN[NODES_PATTERN VARCHAR(100)]
        MAX_JOBS_ALLOWED[MAX_JOBS_ALLOWED NUMBER]
        MAX_CPU[MAX_CPU NUMBER]
        LAST_UPDATED[LAST_UPDATED NUMBER]
    end

    FK1_VL_VERSION_ID --> FK1_VL_VERSION_ID
    FK1_VL_NAME --> FK1_VL_NAME
    FK1_FIELD_NAME --> FK1_FIELD_NAME
    FK1_FIELD_VALUE --> FK1_FIELD_VALUE
    DEF_ORDER --> DEF_ORDER
    DATA_CENTER --> DATA_CENTER
    FROM_TIME --> FROM_TIME
    TO_TIME --> TO_TIME
    NG --> NG
    QUANT_LIMIT --> QUANT_LIMIT
    PERIOD_ID --> PERIOD_ID
    PERIOD_ID --> PERIOD_ID
    DATE_TYPE --> DATE_TYPE
    SUNDAY --> SUNDAY
    MONDAY --> MONDAY
    TUESDAY --> TUESDAY
    WEDNESDAY --> WEDNESDAY
    THURSDAY --> THURSDAY
    FRIDAY --> FRIDAY
    SATURDAY --> SATURDAY
    FROM_DATE --> FROM_DATE
    TO_DATE --> TO_DATE
    WEEK_DAY --> WEEK_DAY
    SPEC_DATE --> SPEC_DATE
    TIME_TYPE --> TIME_TYPE
    FROM_TIME --> FROM_TIME
    TO_TIME --> TO_TIME
    FK1_VL_VERSION_ID --> FK1_VL_VERSION_ID
    FK1_VL_NAME --> FK1_VL_NAME
    USER_ID --> USER_ID
    DATA_CENTER --> DATA_CENTER
    JOBS_LIMIT --> JOBS_LIMIT
    PERIOD_ID --> PERIOD_ID
    VERSION_ID --> VERSION_ID
    VERSION_DATA --> VERSION_DATA
    USERNAME --> USERNAME
    LOG_MESSAGE --> LOG_MESSAGE
    LOCKED --> LOCKED
    FK1_VL_VERSION_ID --> FK1_VL_VERSION_ID
    FK1_VL_NAME --> FK1_VL_NAME
    WL_ORDER --> WL_ORDER
    STATE --> STATE
    CREATE_TIME --> CREATE_TIME
    CREATED_BY --> CREATED_BY
    FILTER_UPDATE_TIME --> FILTER_UPDATE_TIME
    FILTER_UPDATED_BY --> FILTER_UPDATED_BY
    DATA_UPDATE_TIME --> DATA_UPDATE_TIME
    DATA_UPDATED_BY --> DATA_UPDATED_BY
    DESCRIPTION --> DESCRIPTION
    DATA_CENTER --> DATA_CENTER
    NODES_PATTERN --> NODES_PATTERN
    MAX_JOBS_ALLOWED --> MAX_JOBS_ALLOWED
    MAX_CPU --> MAX_CPU
    LAST_UPDATED --> LAST_UPDATED
  
```

The diagram illustrates the relationships between various database tables. The tables are:

- WL\_FILTER\_DEFS**: Contains columns FK1\_VL\_VERSION\_ID (INT), FK1\_VL\_NAME (VARCHAR(20)), FK1\_FIELD\_NAME (VARCHAR(64)), and FK1\_FIELD\_VALUE (VARCHAR(255)).
- WL\_NODE\_MAP**: Contains columns FK1\_VL\_VERSION\_ID (INT), FK1\_VL\_NAME (VARCHAR(20)), DEF\_ORDER (INT), DATA\_CENTER (VARCHAR(20)), FROM\_TIME (VARCHAR(8)), TO\_TIME (VARCHAR(8)), and NG (VARCHAR(50)).
- WL\_Q\_RES**: Contains columns FK1\_VL\_VERSION\_ID (INT), FK1\_VL\_NAME (VARCHAR(20)), DEF\_ORDER (INT), DATA\_CENTER (VARCHAR(20)), RESOURCE (VARCHAR(64)), QUANT\_LIMIT (INT), and PERIOD\_ID (INT).
- WL\_PERIOD\_DEFS**: Contains columns PERIOD\_ID (INT), DATE\_TYPE (VARCHAR(5)), SUNDAY (VARCHAR(1)), MONDAY (VARCHAR(1)), TUESDAY (VARCHAR(1)), WEDNESDAY (VARCHAR(1)), THURSDAY (VARCHAR(1)), FRIDAY (VARCHAR(1)), SATURDAY (VARCHAR(1)), FROM\_DATE (VARCHAR(8)), TO\_DATE (VARCHAR(8)), WEEK\_DAY (VARCHAR(3)), SPEC\_DATE (VARCHAR(1024)), TIME\_TYPE (VARCHAR(1)), FROM\_TIME (VARCHAR(8)), and TO\_TIME (VARCHAR(8)).
- WL\_RUN\_JOBS**: Contains columns FK1\_VL\_VERSION\_ID (INT), FK1\_VL\_NAME (VARCHAR(20)), USER\_ID (INT), DATA\_CENTER (VARCHAR(20)), JOBS\_LIMIT (INT), and PERIOD\_ID (INT).
- WORKLOAD\_VERSION**: Contains columns VERSION\_ID (INT), VERSION\_DATA (VARCHAR(17)), USERNAME (VARCHAR(64)), LOG\_MESSAGE (VARCHAR(1024)), and LOCKED (INT).
- WORKLOADS**: Contains columns FK1\_VL\_VERSION\_ID (INT), FK1\_VL\_NAME (VARCHAR(20)), WL\_ORDER (INT), STATE (VARCHAR(1)), CREATE\_TIME (VARCHAR(17)), CREATED\_BY (VARCHAR(64)), FILTER\_UPDATE\_TIME (VARCHAR(17)), FILTER\_UPDATED\_BY (VARCHAR(64)), DATA\_UPDATE\_TIME (VARCHAR(17)), DATA\_UPDATED\_BY (VARCHAR(64)), and DESCRIPTION (VARCHAR(1024)).
- NODE\_RESTRICTIONS**: Contains columns DATA\_CENTER (VARCHAR(20)), NODES\_PATTERN (VARCHAR(100)), MAX\_JOBS\_ALLOWED (NUMBER), MAX\_CPU (NUMBER), and LAST\_UPDATED (NUMBER).

Relationships (Foreign Key Constraints) are indicated by arrows:

- FK1\_VL\_VERSION\_ID in WL\_FILTER\_DEFS points to FK1\_VL\_VERSION\_ID in WL\_NODE\_MAP.
- FK1\_VL\_NAME in WL\_FILTER\_DEFS points to FK1\_VL\_NAME in WL\_NODE\_MAP.
- FK1\_FIELD\_NAME in WL\_FILTER\_DEFS points to FK1\_FIELD\_NAME in WL\_FILTER\_DEFS.
- FK1\_FIELD\_VALUE in WL\_FILTER\_DEFS points to FK1\_FIELD\_VALUE in WL\_FILTER\_DEFS.
- DEF\_ORDER in WL\_NODE\_MAP points to DEF\_ORDER in WL\_Q\_RES.
- DATA\_CENTER in WL\_NODE\_MAP points to DATA\_CENTER in WL\_Q\_RES.
- FROM\_TIME in WL\_NODE\_MAP points to FROM\_TIME in WL\_NODE\_MAP.
- TO\_TIME in WL\_NODE\_MAP points to TO\_TIME in WL\_NODE\_MAP.
- NG in WL\_NODE\_MAP points to NG in WL\_NODE\_MAP.
- QUANT\_LIMIT in WL\_Q\_RES points to QUANT\_LIMIT in WL\_Q\_RES.
- PERIOD\_ID in WL\_Q\_RES points to PERIOD\_ID in WL\_Q\_RES.
- PERIOD\_ID in WL\_Q\_RES points to PERIOD\_ID in WL\_PERIOD\_DEFS.
- DATE\_TYPE in WL\_PERIOD\_DEFS points to DATE\_TYPE in WL\_PERIOD\_DEFS.
- SUNDAY in WL\_PERIOD\_DEFS points to SUNDAY in WL\_PERIOD\_DEFS.
- MONDAY in WL\_PERIOD\_DEFS points to MONDAY in WL\_PERIOD\_DEFS.
- TUESDAY in WL\_PERIOD\_DEFS points to TUESDAY in WL\_PERIOD\_DEFS.
- WEDNESDAY in WL\_PERIOD\_DEFS points to WEDNESDAY in WL\_PERIOD\_DEFS.
- THURSDAY in WL\_PERIOD\_DEFS points to THURSDAY in WL\_PERIOD\_DEFS.
- FRIDAY in WL\_PERIOD\_DEFS points to FRIDAY in WL\_PERIOD\_DEFS.
- SATURDAY in WL\_PERIOD\_DEFS points to SATURDAY in WL\_PERIOD\_DEFS.
- FROM\_DATE in WL\_PERIOD\_DEFS points to FROM\_DATE in WL\_PERIOD\_DEFS.
- TO\_DATE in WL\_PERIOD\_DEFS points to TO\_DATE in WL\_PERIOD\_DEFS.
- WEEK\_DAY in WL\_PERIOD\_DEFS points to WEEK\_DAY in WL\_PERIOD\_DEFS.
- SPEC\_DATE in WL\_PERIOD\_DEFS points to SPEC\_DATE in WL\_PERIOD\_DEFS.
- TIME\_TYPE in WL\_PERIOD\_DEFS points to TIME\_TYPE in WL\_PERIOD\_DEFS.
- FROM\_TIME in WL\_PERIOD\_DEFS points to FROM\_TIME in WL\_PERIOD\_DEFS.
- TO\_TIME in WL\_PERIOD\_DEFS points to TO\_TIME in WL\_PERIOD\_DEFS.
- FK1\_VL\_VERSION\_ID in WL\_RUN\_JOBS points to FK1\_VL\_VERSION\_ID in WL\_RUN\_JOBS.
- FK1\_VL\_NAME in WL\_RUN\_JOBS points to FK1\_VL\_NAME in WL\_RUN\_JOBS.
- USER\_ID in WL\_RUN\_JOBS points to USER\_ID in WL\_RUN\_JOBS.
- DATA\_CENTER in WL\_RUN\_JOBS points to DATA\_CENTER in WL\_RUN\_JOBS.
- JOBS\_LIMIT in WL\_RUN\_JOBS points to JOBS\_LIMIT in WL\_RUN\_JOBS.
- PERIOD\_ID in WL\_RUN\_JOBS points to PERIOD\_ID in WL\_RUN\_JOBS.
- VERSION\_ID in WORKLOAD\_VERSION points to VERSION\_ID in WORKLOAD\_VERSION.
- VERSION\_DATA in WORKLOAD\_VERSION points to VERSION\_DATA in WORKLOAD\_VERSION.
- USERNAME in WORKLOAD\_VERSION points to USERNAME in WORKLOAD\_VERSION.
- LOG\_MESSAGE in WORKLOAD\_VERSION points to LOG\_MESSAGE in WORKLOAD\_VERSION.
- LOCKED in WORKLOAD\_VERSION points to LOCKED in WORKLOAD\_VERSION.
- FK1\_VL\_VERSION\_ID in WORKLOADS points to FK1\_VL\_VERSION\_ID in WORKLOADS.
- FK1\_VL\_NAME in WORKLOADS points to FK1\_VL\_NAME in WORKLOADS.
- WL\_ORDER in WORKLOADS points to WL\_ORDER in WORKLOADS.
- STATE in WORKLOADS points to STATE in WORKLOADS.
- CREATE\_TIME in WORKLOADS points to CREATE\_TIME in WORKLOADS.
- CREATED\_BY in WORKLOADS points to CREATED\_BY in WORKLOADS.
- FILTER\_UPDATE\_TIME in WORKLOADS points to FILTER\_UPDATE\_TIME in WORKLOADS.
- FILTER\_UPDATED\_BY in WORKLOADS points to FILTER\_UPDATED\_BY in WORKLOADS.
- DATA\_UPDATE\_TIME in WORKLOADS points to DATA\_UPDATE\_TIME in WORKLOADS.
- DATA\_UPDATED\_BY in WORKLOADS points to DATA\_UPDATED\_BY in WORKLOADS.
- DESCRIPTION in WORKLOADS points to DESCRIPTION in WORKLOADS.
- DATA\_CENTER in WORKLOADS points to DATA\_CENTER in WORKLOADS.
- NODES\_PATTERN in NODE\_RESTRICTIONS points to NODES\_PATTERN in NODE\_RESTRICTIONS.
- MAX\_JOBS\_ALLOWED in NODE\_RESTRICTIONS points to MAX\_JOBS\_ALLOWED in NODE\_RESTRICTIONS.
- MAX\_CPU in NODE\_RESTRICTIONS points to MAX\_CPU in NODE\_RESTRICTIONS.
- LAST\_UPDATED in NODE\_RESTRICTIONS points to LAST\_UPDATED in NODE\_RESTRICTIONS.

## WORKLOAD

COMMREG		COMM	
MACHINE_NAME	VARCHAR(4250)	DATA_CENTER	VARCHAR(20)
PROCESS_TYPE	NUMBER	U2_CODE	VARCHAR(3)
PROCESS_NAME	VARCHAR(32)	DB_BASE_LEVEL	NUMBER
PID	NUMBER	DB_UPDATE_LEVEL	NUMBER
CTIPORT	NUMBER	ACTIVE_NET_NAME	VARCHAR(12)
CLTIMEZONE	VARCHAR(128)	PLATFORM	VARCHAR(10)
		PROTOCOL	VARCHAR(10)
		CONTROL_M_VER	VARCHAR(1)
		CONTROL_R	VARCHAR(1)
		TIME_ZONE	VARCHAR(99)
		CTM_ADLT_TIME	VARCHAR(85)
		SUMMARY_TIME	VARCHAR(2)
		CTM_CODE	VARCHAR(8)
		ENABLED	VARCHAR(1)
		CTM_HOST_NAME	VARCHAR(10)
		CTM_PORT_NUMBER	VARCHAR(255)
		GTW_HOST_NAME	VARCHAR(255)
		GTW_PORT_NUMBER	NUMBER
		DESCRIPTION	VARCHAR(44)
		CONTACT	VARCHAR(44)
		LEVEL1	VARCHAR(100)
		LEVEL2	VARCHAR(100)
		LEVEL3	VARCHAR(100)
		LEVEL4	VARCHAR(100)
		CTM_ADMIN_PORT	VARCHAR(100)
		DESIRED_STATE	NUMBER
		START_DATE_OF_WEEK	VARCHAR(14)
		START_DATE	NUMBER
		END_DATE	VARCHAR(14)
		QC_MANAGED	VARCHAR(1)
		UPPERCASE	VARCHAR(1)
		CONTROL_B	VARCHAR(1)
		CONTROL_T	VARCHAR(1)
		WORKLOAD_LVL	NUMBER
		WLM_ADMIN_STATE	VARCHAR(255)
		CTM_FTP_LEVEL	VARCHAR(4)
LOGREG			
MACHINE_NAME	VARCHAR(4250)		
ENTRY_TIME	DATETIME		
ENTRY_TEXT	VARCHAR(255)		

## COMMUNICATION SETTINGS

ALARM			EXCEPTION ALERTS		
SERIAL	NUMBER		SERIAL	NUMBER	
MEMORANDUM	VARCHAR(64)		COMPONENT_TYPE	NUMBER	
APPLICATION	VARCHAR(64)		COMPONENT_MACHINE	VARCHAR(255)	
GROUP_NAME	VARCHAR(64)		COMPONENT_NAME	VARCHAR(2)	
HANDLED	VARCHAR(255)		MESSAGE_ID	VARCHAR(20)	
USER	NUMBER		SEVERITY	NUMBER	
USER_NAME	VARCHAR(1)		MESSAGE	VARCHAR(255)	
SEVERITY	VARCHAR(1)		XTIME	DATETIME	
ORDER_ID	VARCHAR(8)		XTIME_OF_LAST	DATETIME	
USER_ID	VARCHAR(4)		NUMBER	NUMBER	
NODE_ID	VARCHAR(50)		STATUS	NUMBER	
NOTES	TEXT		NOTES	VARCHAR(255)	
CHANGED_BY	NUMBER		KEY1	VARCHAR(25)	
UPD_TIME	DATETIME		KEY2	VARCHAR(255)	
NOTES	VARCHAR(100)		KEY3	VARCHAR(255)	
DATA_CENTER	VARCHAR(20)		KEY4	VARCHAR(255)	
CLUSTERED	VARCHAR(1)		KEY5	VARCHAR(255)	
TICKET_NUMBER	VARCHAR(15)				
RUN_COUNTER	NUMBER				

  

COLLECTIONDEFS			FILTERDEFS		
NAME	VARCHAR(64)		NAME	VARCHAR(64)	
DESCRIPTION	VARCHAR(255)		DESCRIPTION	VARCHAR(255)	
USEDBY	VARCHAR(64)		USEDBY	VARCHAR(64)	

  

COLLECTIONMATCHINGS			FILTERMATCHINGS		
NAME	VARCHAR(64)		NAME	VARCHAR(64)	
TERM_ID	NUMBER		TERM_ID	NUMBER	
COLLECTIONINDEX	NUMBER		COLLECTIONINDEX	NUMBER	
FIELDNAME	VARCHAR(64)		FIELDNAME	VARCHAR(64)	
OPERATOR	VARCHAR(64)		OPERATOR	NUMBER	
FIELDVALUE	VARCHAR(255)		FIELDVALUE	VARCHAR(64)	

  

VIEWSDEFS			HIERARCHYDEFS		
NAME	VARCHAR(64)		NAME	VARCHAR(64)	
DESCRIPTION	VARCHAR(255)		DESCRIPTION	VARCHAR(255)	
COLLECTION	VARCHAR(64)		LEVEL1	VARCHAR(64)	
FILTER	VARCHAR(64)		LEVEL2	VARCHAR(64)	
HIERARCHY	VARCHAR(64)		LEVEL3	VARCHAR(64)	
NETWORKVIEW	NUMBER		LEVEL4	VARCHAR(64)	
ZOOM	NUMBER		LEVEL5	VARCHAR(64)	
BEGIN_LEVEL	VARCHAR(64)		USEDBY	VARCHAR(64)	
	VARCHAR(64)			VARCHAR(64)	

## ALERTS

TABLE NAME
TABLE VIEW
JOB & CALENDAR DEFINITIONS
ACTIVE NET
BATCH IMPACT MANAGER & FORECAST
AUTHORIZATIONS & AUDIT
SELF SERVICE
GENERAL PARAMETERS
GLOBAL CONDITIONS
REPORTING & MEASUREMENTS
WORKLOAD
COMMUNICATION SETTINGS
ALERTS

PK Primary Key  
FK Foreign Key  
I Indexed Field  
U Unique constraint

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# PROJECT: BMC Control-M/ Enterprise Manager

VERSION:  
7.0.00

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