


```

SSSSSSSS HH HH 000000 WW WW
SSSSSSSS HH HH 000000 WW WW
SS HH HH 00 00 WW WW
SS HH HH 00 00 WW WW
SS HH HH 00 00 WW WW
SSSSSS HH HH 00 00 WW WW
SSSSSS HH HH 00 00 WW WW
SS HH HH 00 00 WW WW
SS HH HH 00 00 WW WW
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SSSSSS HH HH 000000 WW WW
SSSSSS HH HH 000000 WW WW

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CCCCCCCC LL DDDDDDD
CCCCCCCC LL DDDDDDD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CC LL DD DD
CCCCCCCC LLLLLLLLLL DDDDDDD
CCCCCCCC LLLLLLLLLL DDDDDDD

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Version: 'V04-001'

V04-001 HWS0112 Harold Schultz 01-Nov-1984
Incorporate SHOW KEY/BTS and SHOW KEY/DHCF.

V03-034 AEW0003 Anne E. Warner 20-Jul-1984
Change SHOW MSCP to be SHOW DEVICE/SERVED. Add syntax
show_served pointed to by qualifier 'served' in
show_device. Show_served has the following qualifiers:
1. ALL
2. COUNT
3. HOST
4. RESOURCE
5. OUTPUT

V03-034 MCN0173 Maria del C. Nasr 25-Jun-1984
Make the /OUTPUT qualifier default to SYSS\$OUTPUT.

V03-033 AEW0002 Anne E. Warner 27-Apr-1984
Add keyword MSCP to show Mass Storage devices. This
keyword has the qualifiers:
1. COUNT
2. HOST
3. RESOURCE
4. UNITS
5. OUTPUT

V03-032 HWS0020 Harold Schultz 10-Apr-1984
Add qualifier /LOG to SHOW KEY.

V03-031 LMP0217 L. Mark Pilant, 24-Mar-1984 22:21
Change all references to SHOWACL to SETSHOACL.

V03-030 PCG0010 Peter George 14-Mar-1984
Change default value of SHOW QUEUE/OUTPUT.
Make SHOW KEY/DIR and /FULL mutually exclusive.
Add SHOW SYMBOL/LOG.
Update SHOW LOGICAL command.

V03-029 HWS0019 Harold Schultz 06-Mar-1984
Integrate in SHOW TERM/X29

V03-028 PCG0009 Peter George 29-Feb-1984
Add /OUTPUT qualifier to SHOW QUEUE.

V03-025 PRD0068 Paul R. DeStefano 28-Feb-1984
Change SHOW CLUSTER/INTERVAL=deltatime to
/INTERVAL=seconds. Limit values on /REPORT=
to CLUSTER, LOCAL_PORTS, and CYCLE.

V03-026 PCG0008 Peter George 27-Feb-1984
Add /FULL qualifier to SHOW KEY.

V03-025 MCN0152 Maria del C. Nasr 23-Feb-1984
Disallow /CONTINUOUS and /OUTPUT qualifiers for

SHOW PROCESS.

V03-024 AEW0001 Anne E. Warner 02-Feb-1984
Add qualifier /FULL to SHOW SYSTEM.

V03-023 LMP0185 L. Mark Pilant, 1-Feb-1984 13:53
Add support for device ACLs.

V03-022 TMK0001 Todd M. Katz 18-Oct-1983
Change which SHOW LOGICAL qualifiers are mutually
exclusive. Also, change the spelling of the qualifier
descendents to descendants.

V03-021 KFH0003 Ken Henderson 22 Sep 1983
Mods to support generized table handling in
SHOW LOGICAL.

V03-020 GAS0175 Gerry Smith 30-Aug-1983
Add SHOW BROADCAST, as well as /OUTPUT where
possible.

V03-019 PCG0007 Peter George 17-Aug-1983
Remove SHOW XTRANSLATION.

V03-018 GAS0154 Gerry Smith 25-Jul-1983
Add SHOW AUDIT.

V03-017 KFH0002 Ken Henderson 21 Jul 1983
Modify SHOW LOGICAL.

V03-016 MAJ0001 Melanie Johnson 23-Jun-1983
Remove mcignore flag from SHOW XTRAN.

V03-015 MLJ0115 Martin L. Jack 23-Jun-1983
Update SHOW QUEUE.

V03-014 KFH0001 Ken Henderson 16 Jun 1983
Modify SHOW LOGICAL.

V03-013 PCG0006 Peter George 27-May-1983
Add SHOW XTRAN.

V03-012 MLJ0012 Martin L. Jack 27-May-1983
Changes for new QUEMAN image.

V03-011 PCG0005 Peter George 13-Apr-1983
Add SHOW KEY/BRIEF/DIRECTORY.

V03-010 PRD0010 Paul DeStefano 28-Mar-1983
Added qualifiers to SHOW CLUSTER command.

V03-009 PCG0004 Peter George 28-Mar-1983
Add SHOW KEY.
Uncomment NOSTATS.

V03-008 PCA1008 Paul C. Anagnostopoulos 25-Mar-1983

Make all necessary changes for new CDU.

V03-007 PCG0003 Peter George 02-Mar-1983
Comment out NOSTATS for now.

V03-006 PCG0002 Peter George 24-Feb-1983
Set NOSTAT bit in SHOW STATUS and SHOW SYMBOL.

V03-005 PRD0007 Paul DeStefano 2-Feb-1983
Added SHOW CLUSTER command.
Removed all PREFIX statements.

V03-004 GAS0101 Gerry Smith 13-Jan-1983
Complete GAS0099.

V03-003 GAS0099 Gerry Smith 7-Jan-1983
Changes for the new SHOW image.

V03-002 MLJ0002 Martin L. Jack 01-Jan-1983
Changes for new QUEMAN image.

V03-001 PCG0001 Peter George 19-Oct-1982
Copy previous parameter definitions into each
DEFINE SYNTAX statement. Change SHOW DEVICE to
SHOW DEVICES.

define type acl_objects

keyword file
keyword device
keyword queue
keyword event_cluster
keyword logical_name_table
keyword process
keyword global_section

define type acmode

keyword user_mode
keyword supervisor_mode
keyword executive_mode
keyword kernel_mode

define syntax show_acl

image setshoacl
parameter p1,label=option,value(required)
parameter p2,label=input,prompt='Object name',value(required)
qualifier object_type,value(required,type=acl_objects)

define syntax show_broad

parameter p1,label=option,value(required)
qualifier output,default,value(type=\$file,default='SYSS\$OUTPUT')

define syntax show_cpu

image mp
parameter p1,label=option,value(required)

noqualifiers

```
define syntax show_daytime
  cliroutine showtime
  parameter p1,label=option,value(required)
  noqualifiers

define syntax show_default
  cliroutine showdef
  parameter p1,label=option,value(required)
  noqualifiers

define syntax show_all_keys
  parameter p1,label=option,value(required)

define syntax show_all_states
  parameter p1,label=option,value(required)

define syntax show_all_dhcf
  parameter p1,label=option,value(required)

define syntax show_dhcf_key
  image dhcfkey
  parameter p1,label=option,value(required)
  parameter p2,prompt='key name',value(required)
  qualifier table,syntax=show_all_dhcf,nonnegatable,
    value(required)
  qualifier all,syntax=show_all_dhcf,nonnegatable

define syntax show_all_bts
  parameter p1,label=option,value(required)

define syntax show_bts_key
  image btskey
  parameter p1,label=option,value(required)
  parameter p2,prompt='key name',value(required)
  qualifier table,syntax=show_all_bts,nonnegatable,
    value(required)
  qualifier all,syntax=show_all_bts,nonnegatable
  disallow (all and table)

define syntax show_key
  prefix cli$ shky_
  cliroutine showkey
  parameter p1,label=option,value(required)
  parameter p2,prompt='key name',value(required)
  qualifier all,syntax=show_all_keys
  qualifier state,value(required,list)
  qualifier brief
  qualifier directory,syntax=show_all_states
  qualifier full
  qualifier log
  disallow directory and (brief or state or all or full)
  qualifier bts,syntax=show_bts_key,nonnegatable
  qualifier dhcf,syntax=show_dhcf_key,nonnegatable
```

```
define syntax show_logical
  parameter p1,label=option,value(required)
  parameter p2,label=logname,prompt="Logical name",value(list,type=$inlog)
  qualifier output,          default,value(type=$file,default='SYS$OUTPUT')
  qualifier system
  qualifier group
  qualifier process
  qualifier job
  qualifier all
  qualifier table,value(list,required)
  qualifier descendants
  qualifier structure
  qualifier access_mode,value(required,type=acmode)
  qualifier full
  disallow structure and
    (system or group or job or process or table or descendants)

define syntax show_protection
  cliroutine showprot
  parameter p1,label=option,value(required)
  noqualifiers

define syntax show_queue
  image queman
  parameter p1,label=option,value(required)
  parameter p2,prompt="Queue",value(default='*')
  qualifier all
  qualifier batch
  qualifier brief
  qualifier characteristics
  qualifier device
  qualifier files
  qualifier forms
  qualifier full
  qualifier output,          default,value(default='SYS$OUTPUT',type=$file)

define syntax show_all_symbols
  parameter p1,label=option,value(required)

define syntax show_symbol
  cliroutine showsymb1
  prefix clisk_shsy
  cliflags(nostat)
  parameter p1,label=option,value(required)
  parameter p2,prompt="Symbol",value(required,type=$insym)
  qualifier global,          placement=positional
  qualifier local,          placement=positional
  qualifier all,            placement=positional,syntax=show_all_symbols
  qualifier log

define syntax show_translation
  cliroutine showtran
  parameter p1,label=option,value(required)
  parameter p2,prompt="Log name",value(required,type=$inlog)
  qualifier table,value(required)
```

```

define syntax show_served
  parameter p1,label=option,value(required)
  qualifier output,          default,value(type=$file,default='SYS$OUTPUT')
  qualifier all,
  qualifier count,
  qualifier host,
  qualifier resource,
  qualifier served,          default,nonnegatable      ! 'served' is here
                             !because the code for show device and show served
                             !is different. When the show device code is
                             !entered the syntax being used is the show_served
                             !syntax but all of the qualifiers are different
                             !so it won't work. The solution is to add the
                             !qualifier 'served' and have the show-device
                             !check for it first and to branch to the
                             !show syntax code where this syntax will work.
                             !At this point 'served' is always present so it
                             !is 'default' and it is 'nonnegatable' to someone
                             !can't mess everything up by saying 'noserved'.

define syntax show_device
  parameter p1,label=option,value(required)
  parameter p2,label=device,prompt='Device',value(type=$device)
  qualifier output,          default,value(type=$file,default='SYS$OUTPUT')
  qualifier allocated,
  qualifier brief
  qualifier full
  qualifier mounted
  qualifier files
  qualifier system
  qualifier windows
  qualifier served,          nonnegatable,syntax=show_served
  disallow served and (allocated or brief or full or mounted or files or
                        system or windows)

define syntax show_status
  cliroutine showstat
  cliflags(nostatus)
  parameter p1,label=option,value(required)
  noqualifiers

define syntax show_process
  parameter p1,label=option,value(required)
  parameter p2,label=process,prompt='Process',value(type=$process)
  qualifier output,          default,value(type=$file,default='SYS$OUTPUT')
  qualifier quotas            nonnegatable
  qualifier accounting        nonnegatable
  qualifier privileges        nonnegatable
  qualifier memory            nonnegatable
  qualifier subprocesses      nonnegatable
  qualifier identification    value(required),nonnegatable
  qualifier continuous        nonnegatable
  qualifier all                nonnegatable
  disallow continuous and output

define syntax show_system

```



```
parameter p1,label=option,value(required)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
qualifier process,        default,nonnegatable
qualifier batch           nonnegatable
qualifier subprocess      nonnegatable
qualifier network         nonnegatable
qualifier full            nonnegatable
```

```
define syntax show_terminal
parameter p1,label=option,value(required)
parameter p2,label=device,prompt='Device',value(type=$device)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
qualifier permanent       nonnegatable
qualifier x29,            syntax=show_term_x29
```

```
define syntax show_term_x29
image psishowx29
```

```
define syntax show_printer
parameter p1,label=option,value(required)
parameter p2,label=device,prompt='Device',value(required,type=$device)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
```

```
define syntax show_magtape
parameter p1,label=option,value(required)
parameter p2,label=device,prompt='Device',value(required,type=$device)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
```

```
define syntax show_quota
cliroutine showquota
prefix clisk_shq
parameter p1,label=option,value(required)
qualifier disk,            default,value(type=$device)
qualifier user,            value(required,type=$uic)
```

```
define syntax show_memory
parameter p1,label=option,value(required)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
qualifier physical_memory nonnegatable
qualifier slots           nonnegatable
qualifier pool            nonnegatable
qualifier files           nonnegatable
qualifier full            nonnegatable
qualifier all             nonnegatable
```

```
define syntax show_error
parameter p1,label=option,value(required)
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
qualifier brief           nonnegatable
qualifier full            nonnegatable
```

```
define syntax show_user
parameter p1,label=option,value(required)
parameter p2,label=username,prompt='Username',value
qualifier output,          default,value(type=$file,default='SYSS$OUTPUT')
```

```
define syntax no_parameter
  parameter p1,label=option,value(required)
  noqualifiers

define type cluster_reports
  keyword cluster
  keyword local_ports
  keyword cycle

define syntax show_cluster
  image shwc[st]r
  parameter p1,label=option,value(required)
  qualifier beginning value(required,type=$datetime),nonnegatable
  qualifier continuous nonnegatable
  qualifier ending value(required,type=$datetime),nonnegatable
  qualifier interval value(required,type=$number),nonnegatable
  qualifier output default,value(type=$file,default='SYS$OUTPUT')
  qualifier report value(required,type=cluster_reports),
  nonnegatable

define type show_options
  keyword acl, syntax=show_acl
  keyword broadcast, syntax=show_broad
  keyword cpu, syntax=show_cpu
  keyword daytime, syntax=show_daytime
  keyword time, syntax=show_daytime
  keyword default, syntax=show_default
  keyword logical, syntax=show_logical
  keyword protection, syntax=show_protection
  keyword queue, syntax=show_queue
  keyword symbol, syntax=show_symbol
  keyword translation, syntax=show_translation
  keyword working_set, syntax=show_broad
  keyword devices, syntax=show_device
  keyword status, syntax=show_status
  keyword process, syntax=show_process
  keyword system, syntax=show_system
  keyword terminal, syntax=show_terminal
  keyword printer, syntax=show_printer
  keyword network, syntax=show_broad
  keyword rms_default, syntax=show_broad
  keyword magtape, syntax=show_magtape
  keyword quota, syntax=show_quota
  keyword memory, syntax=show_memory
  keyword users, syntax=show_user
  keyword error, syntax=show_error
  keyword accounting, syntax=show_broad
  keyword cluster, syntax=show_cluster
  keyword key, syntax=show_key,cliflags(mcrignore)
  keyword audit, syntax=show_broad

define verb show
  parameter p1,label=option,prompt='What',
  value(required,type=show_options)
```

SHOW.CLD;1

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