Cheatography

# IBM i Commands - SysAdmin Cheat Sheet

by Oscar (Oscar Lopez) via cheatography.com/103198/cs/21254/

## IFS

| | |
|---|---|
| GO CMDLNK | Go to Link Commands |
| WRKLNK | Work with Links |
| DEL | Remove Link |
| MOV | Move Object |
| RNM | Remove Object |

## QShell

| | |
|---|---|
| QSH | Start QSH |

## Library List

| | |
|---|---|
| ADDLIBLE | Add library to the library list |
| RMVLIBLE | Remove library to the library list |
| DSPLIBLE | Display library list |
| EDTLIBL | Edit library list |
| CHGLIBL | Change library list |
| CHGSYSLIBL | Change System Library List |
| CHGCURLIB | Change current library |

## Objects and Libraries

| | |
|---|---|
| CRTLIB | Create library |
| DLTLIB | Delete library |
| DSPLIB | Display library |
| DSPLIBD | Display library description |
| CHGLIB | Change library |
| WRKLIB | Work with libraries |
| DSPOBJD | Display object description |
| CHGOBJD | Change object description |
| CRTDUPOBJ | Create duplicated object |
| WRKOBJ | Work with objects |

## Database

| | |
|---|---|
| RUNSQL | Run SQL sentence |
| STRSQL | Start SQL interactive session |
| STRQM | Start Query Manager |
| WRKQRY | Work with queries |
| DSPPFM | Display physical file member |
| CRTPF | Create physical file |
| DLTF | Delete file |
| WRKRDB-EDIRE | Work with Relational Database Directory Entries |
| STRDBMON | Start database monitor |

## Back-up and Recovery

| | |
|---|---|
| RST | Restore IFS Object |
| SAV | Save IFS Object |
| SAVOBJ | Save Object |
| SAVLIB | Save Library |
| RSTOBJ | Restore Object |
| RSTLIB | Restore Library |
| CRTSAVF | Create Save File |
| GO SAVE - Opc 21 | Full System Back-up |
| EDTRCYAP | Edit recovery for access paths |

## Back-up and Recovery with BRMS

| | |
|---|---|
| GO BRMS | Go to BRMS menu |
| GO CMDBRM | Go to BRMS commands |
| SAVBRM | Save IFS object |
| SAVOBJBRM | Save Object |
| SAVLIBBRM | Save library |
| SAVSYSBRM | Save System LIC and QSYS |
| STRBKUBRM | Start Back-up Group |
| RSTBRM | Restore IFS object |
| RSTOBJBRM | Restore object |
| RSTLIBBRM | Restore library |
| STRRCYBRM | Start Recovery |

## Back-up and Recovery with BRMS (cont)

| | |
|---|---|
| DSPLOGBRM | Display BRMS log |
| WRKMEDBRM | Work with Media |
| WRKCTLGBRM | Work with Control Groups |
| WRKPCYBRM | Work with Policies |
| STRMNTBRM | Start BRMS maintenance |

## Communications

| | |
|---|---|
| NETSTAT | Work with TCP/IP network status |
| CFGTCP | Configure TCP/IP menu |
| CFGTCPAPP | Configure TCP/IP application menu |
| STRTCPSVR | Start TCP Server |
| ENDTCPSVR | End TCP Server |
| FTP | Start FTP transfer |
| PING | Verify TCP/IP connection |
| TRACEROUTE | Trace TCP/IP route |

## Job management

| | |
|---|---|
| WRKACTJOB | Work with active jobs (display, hold, release, cancel, etc.) |
| WRKUSRJOB | Work with jobs for a given user |
| SBMJOB | Submit job |
| TFRJOB | Transfer job |
| WRKJOBSCDE | Work with job schedule entries |
| WRKJVM | Work with Java Virtual Machine jobs |
| WRKSBS | Work with subsystems |
| WRKSBSD | Work with subsystem descriptions |
| WRKJOBQ | Work with job queues |
| WRKJOBD | Work with job descriptions |
| WRKCLS | Work with class |



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## System resources

| | |
|---|---|
| WRKSHRPOOL | Work with shared storage pools |
| WRKSYSSTS | Work with system status |
| WRKSYSACT | Work with system activity |
| STRPFRT | Start performance tools |

## System logs

| | |
|---|---|
| DSPLOG | Display log |
| DSPJOBLOG | Display job log |
| DSPMSG QSYSOPR | Display system operator message queue |
| NETSTAT *CNN | Work with IPv4 connections status |

## Printing and spooling

| | |
|---|---|
| WRKSPLF | Work with spool files |
| SNDTCPSPLF | Send spool file via TCPIP |
| WRKOUTQ | Work with output queues |
| STRPRTWTR | Start printer writer |
| STRRMTWTR | Start remote writer |
| ENDWTR | End writer |
| WRKDEVD *PRT | Work with printer devices |

## Authorities

| | |
|---|---|
| DSPAUT | Display IFS object authority |
| CHGAUT | Change IFS object authority |
| CHGOWN | Change IFS object owner |
| DSPOBJAUT | Display object authority |
| CHGOBJAUT | Change object authority |
| GRTOBJAUT | Grant object authority |
| RVKOBJAUT | Revoke object authority |
| CHGOBJOWN | Change object owner |
| WRKAUTL | Work with authorization lists |

## User admin

| | |
|---|---|
| WRKUSRPRF | Work with user profiles |
| DSPUSRPRF OPTION(*GRPMBR) | Display user profile (group membership) |
| WRKDIRE | Work with directory entries |
| DSPUSRPMN | Display user permissions (email) |
| GRTUSRPMN | Grant user permissions (email) |
| RVKUSRPMN | Revoke user permissions (email) |

## Auditing

| | |
|---|---|
| CHGAUD | Change auditing value |
| CHGOBJAUD | Change object auditing |
| CHGSECAUD | Change security auditing |
| DSPSECAUD | Display security auditing |
| CHGUSRAUD | Change user auditing |
| DSPAUDJRNE | Display audit journal entry |
| CPYAUDJRNE | Copy audit journal entry |

## Security tools

| | |
|---|---|
| GO SECTOOLS | Go to security tools menu |



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