|  |  |
| --- | --- |
| **Network interface** | |
| **DESC** | - |
| **CLI** | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LOCAL** | | | | | | | | | | | | |
| **MACHINE** | | | | | | | | | | | | |
| hostname | | |  | | | | | | | | | |
| **TABLE ARP** | | | | | | | | | | | | |
| ip | neigh | | | Affiche table ARP | | | | | | | | |
|  |  | | | Add <IP> lladdr <MAC> | | | | Dev <interface> | | | Ajout entrée | |
|  |  | | | Del <IP> | | | | Suppression entrée | |
| **TABLE ROUTAGE** | | | | | | | | | | | | |
| ip | Route | | show | | | | | Affiche table de routage | | | | |
|  |  | | Add default via <IP> | | | | | Dev<interface> | | Ajout route par défaut | | |
|  |  | | Replace default via <IP> | | | | | Remplacement de la route par défaut | | |
|  |  | | Add <IP>/X via <IP> | | | | | Ajout route statique | | |
|  |  | | Del <IP>/X | | | | | | | Suppression route statique | | |
| **MANAGEMENT INTERFACE** | | | | | | | | | | | | |
| ip |  | | | | | | | | | | | |
|  | link | **Gère niveau 2** | | | | | | | | | | |
|  |  | show | | | | Affiche interfaces | | | | | | |
|  |  | set | | | | Down <interface> | | | | | |  |
|  |  |  | | | | Up <interface> | | | | | |  |
|  |  |  | | | | Dev <interface> address @MAC | | | | | | Changer @MAC |
|  | addr | Affiche Interfaces + IP  **Gère niveau 2 et 3** | | | | | | | | | | |
|  |  | show | | | | dev <interface> | | | Affiche Interface + IP | | | |
|  |  | add <IP>/24 | | | | Ajout @IP à une interface  Possibilité d’avoir plusieurs IP pour une interface | | | |
|  |  | del <IP>/24 | | | | Suppression @IP de l’interface | | | |
| Ifup <interface> | | | | | Activation + DHCP | | | | | | | |
| Ifdown <interface> | | | | | Libération du bail DHCP | | | | | | | |
| **SOCKETS** | | | | | | | | | | | | |
| ss | | | | | Affiche les sockets TCP/UDP actives | | | | | | | |
|  | | | | | -l | | Idem | | | | | |
| **MONITORING TRAFIC** | | | | | | | | | | | | |
| nload | | | | | Bande passante interface en cours  Doit être installé | | | | | | | |

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| **DISTANT** | | | |
| **INFORMATIONS DISTANTES** | | | |
| Ping @IP |  | | |
|  | -s X | Spécifie la taille | |
| Traceroute @ | Liste des routes src -> dst  Yum install traceroute | | |
| **ACCES DISTANT** | | | |
| Wget IP [ :port][/…/…] |  | | |
| curl | Transfert de données avec != protocoles | | |
| mail | Déclenche programme, on finit avec ^d | | |
|  | -s <sujet> |  | |
| rlogin  telnet  rsh  rexec  rcp  ftp | Remote login  Remote shell  Remote exec  Remote copie  File transfert copie | | Cf. common\_stuff/SSH |
| Ssh  Scp  Sftp | Secure Shell  Secure copie  Secure ftp | |
| rsync | Synchronisation synchrone  Cf. tools/sauvegarde/rsync | | |
| **Comments :**  Arp, route, netstat et ifconfig absents dans CentOS 7 : package net-tools obsolète remplacé par package iproute2. | | | |