



Protocols: K

- K-BLOCK, on page 1
- KAFKA, on page 2
- KAKAO-SERVICES, on page 3
- KAKAO-TALK, on page 3
- KALI, on page 4
- KAYAK-COM, on page 5
- KAZAA2, on page 6
- KERBEROS, on page 7
- KERBEROS-ADM, on page 7
- KEYHOLETV, on page 8
- KEYSERVER, on page 9
- KICKSTARTER, on page 10
- KIS, on page 10
- KLOGIN, on page 11
- KNET-CMP, on page 12
- KONSPIRE2B, on page 12
- KPASSWD, on page 13
- KRYPTOLAN, on page 14
- KSHELL, on page 15
- KURO, on page 15

K-BLOCK

| | |
|-------------------------|---|
| Name/CLI Keyword | k-block |
| Full Name | K-Block |
| Description | Registered with IANA on port 287 TCP/UDP |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |

| | |
|---------------------------|-----------|
| Global ID | 3:287 |
| ID | 1147 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KAFKA

| | |
|---------------------------|---|
| Name/CLI Keyword | kafka |
| Full Name | Apache Kafka |
| Description | Apache Kafka is a distributed event store and stream-processing platform. |
| Introduced | 67.0.0 |
| Deprecated | - |
| Reference | https://kafka.apache.org/ |
| Global ID | 13:1297 |
| ID | 1297 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |

| | |
|-----------------------|-----------|
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KAKAO-SERVICES

| | |
|---------------------------|--|
| Name/CLI Keyword | kakao-services |
| Full Name | Kakao-Services |
| Description | kakao-services is a set of tools and APIs used by Kakao applications such as: kakao story, kakao music, kakao website and etc. |
| Introduced | 10.0.0 |
| Deprecated | - |
| Reference | http://www.kakao.com/ |
| Global ID | 13:583 |
| ID | 1522 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | kakao-group |
| Business Relevance | business-irrelevant |
| Category | consumer-messaging |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | True |
| Traffic-class | bulk-data |
| Tunnel | False |

KAKAO-TALK

| | |
|-------------------------|------------|
| Name/CLI Keyword | kakao-talk |
|-------------------------|------------|

| | |
|---------------------------|---|
| Full Name | Kakao-Talk |
| Description | Kakao-Talk is a free mobile messenger application for smartphones with free multimedia messaging and free call features. Kakao-Talk was released by Kakao corporation which is based in Seoul, South Korea. It is available on most common mobile operating systems including IOS, Android and also available on PC by syncing between your PC and mobile device. |
| Introduced | 10.0.0 |
| Deprecated | - |
| Reference | http://www.kakao.com/talk/ |
| Global ID | 13:579 |
| ID | 1518 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | kakao-group |
| Business Relevance | business-irrelevant |
| Category | instant-messaging |
| Sub Category | consumer-multimedia-messaging |
| P2P Technology | False |
| Encrypted | True |
| Traffic-class | multimedia-conferencing |
| Tunnel | False |

KALI

| | |
|-------------------------|--|
| Name/CLI Keyword | kali |
| Full Name | IPX network emulator for DOS and Windows |
| Description | Kali is an IPX network emulator for DOS and Windows, enabling legacy multiplayer games to work over a modern TCP/IP network such as the Internet. Later versions of the software also functioned as a server browser for games that natively supported TCP/IP. |
| Introduced | - |
| Deprecated | - |

| | |
|---------------------------|---|
| Reference | http://www.kali.net/ |
| Global ID | 3:2213 |
| ID | 718 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | gaming |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KAYAK-COM

| | |
|---------------------------|--|
| Name/CLI Keyword | kayak-com |
| Full Name | Kayak |
| Description | Kayak - Online Flight and Hotel reservation/deals website. |
| Introduced | 14.0.0 |
| Deprecated | - |
| Reference | http://kayak.com |
| Global ID | 13:708 |
| ID | 1638 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | browsing |

| | |
|-----------------------|--------------------|
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | transactional-data |
| Tunnel | False |

KAZAA2

| | |
|---------------------------|---|
| Name/CLI Keyword | kazaa2 |
| Full Name | Kazaa2 |
| Description | Kazaa is an online music subscription service that is based on second generation peer-to-peer technology FastTracker. |
| Introduced | - |
| Deprecated | 9.0.0 |
| Reference | http://www.kazaa.com/#!/about |
| Global ID | 13:59 |
| ID | 59 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KERBEROS

| | |
|---------------------------|---|
| Name/CLI Keyword | kerberos |
| Full Name | Kerberos |
| Description | Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default. |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.ietf.org/rfc/rfc4120.txt |
| Global ID | 3:88 |
| ID | 21 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | kerberos-group |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | authentication-services |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KERBEROS-ADM

| | |
|-------------------------|---|
| Name/CLI Keyword | kerberos-adm |
| Full Name | Kerberos Administration |
| Description | Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default. |

| | |
|---------------------------|---|
| Introduced | - |
| Deprecated | - |
| Reference | http://www.ietf.org/rfc/rfc4120 |
| Global ID | 3:749 |
| ID | 623 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | authentication-services |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KEYHOLETV

| | |
|-------------------------|--|
| Name/CLI Keyword | keyholetv |
| Full Name | KeyHoleTV |
| Description | KeyHoleTV is an online television portal that links to a limited selection of Japanese television channels, radio stations, and user-made channels. It has clients on Windows, Mac, Linux and iOS. |
| Introduced | 11.0.0 |
| Deprecated | - |
| Reference | http://www.oiseyer.com/index-e.php |
| Global ID | 13:591 |
| ID | 1530 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |

| | |
|---------------------------|--------------------------|
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | consumer-messaging |
| Sub Category | consumer-video-streaming |
| P2P Technology | True |
| Encrypted | True |
| Traffic-class | multimedia-streaming |
| Tunnel | False |

KEYSERVER

| | |
|---------------------------|---|
| Name/CLI Keyword | keyserver |
| Full Name | Key Server |
| Description | Akey server is a computer that receives and then serves existing cryptographic keys for users or other programs. |
| Introduced | - |
| Deprecated | - |
| Reference | http://en.wikipedia.org/wiki/Key_server_(cryptographic) |
| Global ID | 3:584 |
| ID | 498 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | authentication-services |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KICKSTARTER

| | |
|---------------------------|--|
| Name/CLI Keyword | kickstarter |
| Full Name | Kickstarter |
| Description | Kickstarter - Platform for creative projects with funding goal and deadline. |
| Introduced | 14.0.0 |
| Deprecated | - |
| Reference | http://kickstarter.com |
| Global ID | 13:686 |
| ID | 1616 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | browsing |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | transactional-data |
| Tunnel | False |

KIS

| | |
|-------------------------|---|
| Name/CLI Keyword | kis |
| Full Name | KIS Protocol |
| Description | Registered with IANA on port 186 TCP/UDP |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |

| | |
|---------------------------|-----------|
| Global ID | 3:186 |
| ID | 1029 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KLOGIN

| | |
|---------------------------|---|
| Name/CLI Keyword | klogin |
| Full Name | Klogin |
| Description | Registered with IANA on port 543 TCP/UDP |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID | 3:543 |
| ID | 87 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | remote-access-terminal |

| | |
|-----------------------|----------------|
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KNET-CMP

| | |
|---------------------------|---|
| Name/CLI Keyword | knet-cmp |
| Full Name | KNET/VM Command/Message Protocol |
| Description | Registered with IANA on port 157 TCP/UDP |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID | 3:157 |
| ID | 1003 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KONSPIRE2B

| | |
|-------------------------|------------|
| Name/CLI Keyword | Konspire2b |
|-------------------------|------------|

| | |
|---------------------------|---|
| Full Name | Konspire2b |
| Description | konspire2b is a content distribution system that takes the standard peer-to-peer model and turns it upside-down. Instead of downloaders broadcasting search requests, content sources send out announcements for the content that they have. This simple change gives the konspire2b network several nice properties, including log-bounded distribution times. |
| Introduced | - |
| Deprecated | - |
| Reference | http://konspire.sourceforge.net/ |
| Global ID | 3:6085 |
| ID | 1190 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | consumer-file-sharing |
| Sub Category | p2p-file-transfer |
| P2P Technology | True |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

KPASSWD

| | |
|-------------------------|---|
| Name/CLI Keyword | kpasswd |
| Full Name | Kpasswd |
| Description | Kerberos change-password protocol (kpasswd) is a password changing service that is implemented on hosts in Kerberos realms. |
| Introduced | - |
| Deprecated | - |
| Reference | http://tools.ietf.org/html/draft-ietf-cat-kerb-chg-password-02 |

| | |
|---------------------------|-------------------------|
| Global ID | 3:464 |
| ID | 378 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | kerberos-group |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | authentication-services |
| P2P Technology | False |
| Encrypted | True |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KRYPTOLAN

| | |
|---------------------------|---|
| Name/CLI Keyword | kryptolan |
| Full Name | Kryptolan |
| Description | LAN/WAN Krypto (LWK) is a infrastructure that provides two secure functions; transport protection and data object protection. It was developed by Sectra. |
| Introduced | - |
| Deprecated | - |
| Reference | http://liu.diva-portal.org/smash/get/diva2:16958/FULLTEXT01 |
| Global ID | 3:398 |
| ID | 313 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | default |
| Category | other |
| Sub Category | other |

| | |
|-----------------------|-----------|
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | bulk-data |
| Tunnel | False |

K SHELL

| | |
|---------------------------|---|
| Name/CLI Keyword | kshell |
| Full Name | Kshell |
| Description | Registered with IANA on port 544 TCP/UDP |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml |
| Global ID | 3:544 |
| ID | 88 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-relevant |
| Category | net-admin |
| Sub Category | remote-access-terminal |
| P2P Technology | False |
| Encrypted | False |
| Traffic-class | ops-admin-mgmt |
| Tunnel | False |

KURO

| | |
|-------------------------|------|
| Name/CLI Keyword | kuro |
|-------------------------|------|

| | |
|---------------------------|--|
| Full Name | Kuro |
| Description | The Kuro protocol is used by the Kuro file-sharing application popular in Japan. |
| Introduced | - |
| Deprecated | - |
| Reference | http://www.kuro.cn |
| Global ID | 13:437 |
| ID | 801 |
| IPv4 Support | Yes |
| IPv6 Support | Yes |
| Application Group | other |
| Business Relevance | business-irrelevant |
| Category | consumer-streaming |
| Sub Category | consumer-audio-streaming |
| P2P Technology | unassigned |
| Encrypted | unassigned |
| Traffic-class | multimedia-streaming |
| Tunnel | unassigned |