



## Protocols: Q

- QBIKGDP, on page 1
- QFT, on page 2
- QMQP, on page 3
- QMTP, on page 3
- QNX, on page 4
- QOTD, on page 5
- QQ-ACCOUNTS, on page 6
- QQ-GAMES, on page 6
- QQ-IM, on page 7
- QQ-SERVICES, on page 8
- QQLIVE, on page 9
- QRH, on page 10
- QUIC, on page 10
- QUOTAD, on page 11

### QBIKGDP

|                         |  |
|-------------------------|--|
| <b>Name/CLI Keyword</b> | qbikgdp  |
| <b>Full Name</b>        | Qbik GDP   |
| <b>Description</b>      | Generic Discovery Protocol (GDP) is a protocol developed for finding or discovering Internet connectivity servers (such as WinGate). It is used by both the WinGate Internet Client (WGIC) and GateKeeper for finding WinGate. It is designed to be fully automatic, requiring no user intervention. |
| <b>Introduced</b>       | -  |
| <b>Deprecated</b>       | -  |
| <b>Reference</b>        | <a href="http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php">http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php</a>  |
| <b>Global ID</b>        | 3:368  |
| <b>ID</b>               | 284  |

|                           |                    |
|---------------------------|--------------------|
| <b>IPv4 Support</b>       | Yes                |
| <b>IPv6 Support</b>       | Yes                |
| <b>Application Group</b>  | other              |
| <b>Business Relevance</b> | business-relevant  |
| <b>Category</b>           | net-admin          |
| <b>Sub Category</b>       | network-management |
| <b>P2P Technology</b>     | False              |
| <b>Encrypted</b>          | False              |
| <b>Traffic-class</b>      | ops-admin-mgmt     |
| <b>Tunnel</b>             | False              |

## QFT

|                           |   |
|---------------------------|---|
| <b>Name/CLI Keyword</b>   | qft   |
| <b>Full Name</b>          | Queued File Transport   |
| <b>Description</b>        | Registered with IANA on port 189 TCP/UDP  |
| <b>Introduced</b>         | -   |
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>          | 3:189   |
| <b>ID</b>                 | 1033  |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | other   |
| <b>Business Relevance</b> | default   |
| <b>Category</b>           | file-sharing  |
| <b>Sub Category</b>       | file-transfer   |
| <b>P2P Technology</b>     | False   |
| <b>Encrypted</b>          | False   |

|                      |           |
|----------------------|-----------|
| <b>Traffic-class</b> | bulk-data |
| <b>Tunnel</b>        | False     |

## QMQP

|                           |  |
|---------------------------|--|
| <b>Name/CLI Keyword</b>   | qmqp   |
| <b>Full Name</b>          | Quick Mail Queuing Protocol  |
| <b>Description</b>        | Quick Mail Queuing Protocol (QMQP) is a network protocol designed to share e-mail queues between several hosts. It is designed and implemented in qmail. |
| <b>Introduced</b>         | -  |
| <b>Deprecated</b>         | -  |
| <b>Reference</b>          | <a href="http://cr.yip.to/proto/qmqp.html">http://cr.yip.to/proto/qmqp.html</a>  |
| <b>Global ID</b>          | 3:628  |
| <b>ID</b>                 | 537  |
| <b>IPv4 Support</b>       | Yes  |
| <b>IPv6 Support</b>       | Yes  |
| <b>Application Group</b>  | other  |
| <b>Business Relevance</b> | business-relevant  |
| <b>Category</b>           | email  |
| <b>Sub Category</b>       | enterprise-transactional-apps  |
| <b>P2P Technology</b>     | False  |
| <b>Encrypted</b>          | False  |
| <b>Traffic-class</b>      | bulk-data  |
| <b>Tunnel</b>             | False  |

## QMTP

|                         |      |
|-------------------------|------|
| <b>Name/CLI Keyword</b> | qmtp |
| <b>Full Name</b>        | QMTP |

|                           |  |
|---------------------------|--|
| <b>Description</b>        | The Quick Mail Transfer Protocol (QMTP) is an e-mail transmission protocol that is designed to have better performance than Simple Mail Transfer Protocol (SMTP), the de facto standard. It was designed and implemented in qmail. |
| <b>Introduced</b>         | -  |
| <b>Deprecated</b>         | -  |
| <b>Reference</b>          | <a href="http://cr.yp.to/proto/qmtp.txt">http://cr.yp.to/proto/qmtp.txt</a>  |
| <b>Global ID</b>          | 3:209  |
| <b>ID</b>                 | 1107   |
| <b>IPv4 Support</b>       | Yes  |
| <b>IPv6 Support</b>       | Yes  |
| <b>Application Group</b>  | other  |
| <b>Business Relevance</b> | business-relevant  |
| <b>Category</b>           | email  |
| <b>Sub Category</b>       | enterprise-transactional-apps  |
| <b>P2P Technology</b>     | False  |
| <b>Encrypted</b>          | False  |
| <b>Traffic-class</b>      | bulk-data  |
| <b>Tunnel</b>             | False  |

## QNX

|                         |  |
|-------------------------|--|
| <b>Name/CLI Keyword</b> | qnx  |
| <b>Full Name</b>        | QNX  |
| <b>Description</b>      | QNX IP protocol. QNX is a commercial Unix-like real-time operating system, aimed primarily at the embedded systems market. |
| <b>Introduced</b>       | -  |
| <b>Deprecated</b>       | -  |
| <b>Reference</b>        | <a href="http://www.qnx.com/">http://www.qnx.com/</a>  |
| <b>Global ID</b>        | 1:106  |
| <b>ID</b>               | 860  |

|                           |            |
|---------------------------|------------|
| <b>IPv4 Support</b>       | Yes        |
| <b>IPv6 Support</b>       | Yes        |
| <b>Application Group</b>  | other      |
| <b>Business Relevance</b> | default    |
| <b>Category</b>           | other      |
| <b>Sub Category</b>       | other      |
| <b>P2P Technology</b>     | unassigned |
| <b>Encrypted</b>          | unassigned |
| <b>Traffic-class</b>      | bulk-data  |
| <b>Tunnel</b>             | unassigned |

## QOTD

|                           |  |
|---------------------------|--|
| <b>Name/CLI Keyword</b>   | qotd   |
| <b>Full Name</b>          | QOTD   |
| <b>Description</b>        | The Quote Of The Day (QOTD) service is a useful debugging and measurement tool. A quote of the day service simply sends a short message without regard to the input. |
| <b>Introduced</b>         | -  |
| <b>Deprecated</b>         | -  |
| <b>Reference</b>          | <a href="http://www.ietf.org/rfc/rfc865.txt">http://www.ietf.org/rfc/rfc865.txt</a>  |
| <b>Global ID</b>          | 3:17   |
| <b>ID</b>                 | 906  |
| <b>IPv4 Support</b>       | Yes  |
| <b>IPv6 Support</b>       | Yes  |
| <b>Application Group</b>  | other  |
| <b>Business Relevance</b> | default  |
| <b>Category</b>           | other  |
| <b>Sub Category</b>       | other  |
| <b>P2P Technology</b>     | False  |

|                      |           |
|----------------------|-----------|
| <b>Encrypted</b>     | False     |
| <b>Traffic-class</b> | bulk-data |
| <b>Tunnel</b>        | False     |

## QQ-ACCOUNTS

|                           |   |
|---------------------------|---|
| <b>Name/CLI Keyword</b>   | qq-accounts   |
| <b>Full Name</b>          | QQ Accounts   |
| <b>Description</b>        | QQ-Accounts protocol is a general account login and common service. This protocol classifies login traffic over HTTP, and it's used by all QQ applications that require a login to the QQ accounts, such as QQLive. |
| <b>Introduced</b>         | -   |
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://id.qq.com/">http://id.qq.com/</a>   |
| <b>Global ID</b>          | 13:554  |
| <b>ID</b>                 | 1489  |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | qq-group  |
| <b>Business Relevance</b> | business-irrelevant   |
| <b>Category</b>           | consumer-internet   |
| <b>Sub Category</b>       | consumer-web-browsing   |
| <b>P2P Technology</b>     | False   |
| <b>Encrypted</b>          | False   |
| <b>Traffic-class</b>      | transactional-data  |
| <b>Tunnel</b>             | False   |

## QQ-GAMES

|                         |          |
|-------------------------|----------|
| <b>Name/CLI Keyword</b> | qq-games |
|-------------------------|----------|

|                           |   |
|---------------------------|---|
| <b>Full Name</b>          | QQ Games  |
| <b>Description</b>        | QQ Games is a platform developed by Tencent America LLC which lets users play hundreds of casual multiplayer games with other people through the web. A Chinese version is available as well as an English version. |
| <b>Introduced</b>         | -   |
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://qqgame.qq.com/">http://qqgame.qq.com/</a>   |
| <b>Global ID</b>          | 13:570  |
| <b>ID</b>                 | 1509  |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | qq-group  |
| <b>Business Relevance</b> | business-irrelevant   |
| <b>Category</b>           | gaming  |
| <b>Sub Category</b>       | other   |
| <b>P2P Technology</b>     | False   |
| <b>Encrypted</b>          | True  |
| <b>Traffic-class</b>      | multimedia-conferencing   |
| <b>Tunnel</b>             | False   |

## QQ-IM

|                         |   |
|-------------------------|---|
| <b>Name/CLI Keyword</b> | qq-im   |
| <b>Full Name</b>        | QQ Instant Messenger  |
| <b>Description</b>      | QQ instant messenger is the most popular IM software service in China. QQ IM was developed by Tencent Holding LTD. and has clients for Windows, Mac, Android and iPhone. A Chinese version is available as well as an English version (QQ International). |
| <b>Introduced</b>       | -   |
| <b>Deprecated</b>       | -   |
| <b>Reference</b>        | <a href="http://www.imqq.com/">http://www.imqq.com/</a>   |

|                           |                               |
|---------------------------|-------------------------------|
| <b>Global ID</b>          | 13:569                        |
| <b>ID</b>                 | 1508                          |
| <b>IPv4 Support</b>       | Yes                           |
| <b>IPv6 Support</b>       | Yes                           |
| <b>Application Group</b>  | qq-group                      |
| <b>Business Relevance</b> | business-irrelevant           |
| <b>Category</b>           | instant-messaging             |
| <b>Sub Category</b>       | consumer-multimedia-messaging |
| <b>P2P Technology</b>     | True                          |
| <b>Encrypted</b>          | False                         |
| <b>Traffic-class</b>      | multimedia-conferencing       |
| <b>Tunnel</b>             | False                         |

## QQ-SERVICES

|                           |  |
|---------------------------|--|
| <b>Name/CLI Keyword</b>   | qq-services  |
| <b>Full Name</b>          | QQ services  |
| <b>Description</b>        | qq-services is a set of tools and APIs used by QQReader, QQwebsite, and other QQ applications. |
| <b>Introduced</b>         | -  |
| <b>Deprecated</b>         | -  |
| <b>Reference</b>          | <a href="http://www.qq.com/">http://www.qq.com/</a>  |
| <b>Global ID</b>          | 13:601   |
| <b>ID</b>                 | 1540   |
| <b>IPv4 Support</b>       | Yes  |
| <b>IPv6 Support</b>       | Yes  |
| <b>Application Group</b>  | qq-group   |
| <b>Business Relevance</b> | business-irrelevant  |
| <b>Category</b>           | consumer-messaging   |
| <b>Sub Category</b>       | other  |



|                       |           |
|-----------------------|-----------|
| <b>P2P Technology</b> | False     |
| <b>Encrypted</b>      | False     |
| <b>Traffic-class</b>  | bulk-data |
| <b>Tunnel</b>         | False     |

## QQLIVE

|                           |  |
|---------------------------|--|
| <b>Name/CLI Keyword</b>   | qqlive   |
| <b>Full Name</b>          | QQLive   |
| <b>Description</b>        | QQLive is a live streaming video freeware created by Tencent, which takes advantages of advanced P2P streaming media to ensure program keep fluency with many people viewing at the same time. |
| <b>Introduced</b>         | -  |
| <b>Deprecated</b>         | -  |
| <b>Reference</b>          | <a href="http://live.qq.com/">http://live.qq.com/</a>  |
| <b>Global ID</b>          | 13:540   |
| <b>ID</b>                 | 1476   |
| <b>IPv4 Support</b>       | Yes  |
| <b>IPv6 Support</b>       | Yes  |
| <b>Application Group</b>  | qq-group   |
| <b>Business Relevance</b> | business-irrelevant  |
| <b>Category</b>           | consumer-streaming   |
| <b>Sub Category</b>       | consumer-video-streaming   |
| <b>P2P Technology</b>     | True   |
| <b>Encrypted</b>          | False  |
| <b>Traffic-class</b>      | multimedia-streaming   |
| <b>Tunnel</b>             | False  |

## QRH

|                           |   |
|---------------------------|---|
| <b>Name/CLI Keyword</b>   | qrh   |
| <b>Full Name</b>          | QRH   |
| <b>Description</b>        | Registered with IANA on port 752 TCP/UDP  |
| <b>Introduced</b>         | -   |
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>          | 3:752   |
| <b>ID</b>                 | 627   |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | other   |
| <b>Business Relevance</b> | default   |
| <b>Category</b>           | other   |
| <b>Sub Category</b>       | other   |
| <b>P2P Technology</b>     | False   |
| <b>Encrypted</b>          | False   |
| <b>Traffic-class</b>      | bulk-data   |
| <b>Tunnel</b>             | False   |

## QUIC

|                         |   |
|-------------------------|---|
| <b>Name/CLI Keyword</b> | quic  |
| <b>Full Name</b>        | QUIC  |
| <b>Description</b>      | QUIC (pronounced Quick) is a UDP based protocol developed by Google to accelerate web communications, saving round trip time and protocol overhead incurred by the traditional TCP connections. QUIC traffic is always encrypted. |
| <b>Introduced</b>       | 20.0.0  |

|                           |   |
|---------------------------|---|
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://dev.chromium.org/quic">http://dev.chromium.org/quic</a> |
| <b>Global ID</b>          | 13:778  |
| <b>ID</b>                 | 1752  |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | other   |
| <b>Business Relevance</b> | default   |
| <b>Category</b>           | browsing  |
| <b>Sub Category</b>       | enterprise-transactional-apps   |
| <b>P2P Technology</b>     | False   |
| <b>Encrypted</b>          | True  |
| <b>Traffic-class</b>      | transactional-data  |
| <b>Tunnel</b>             | True  |

## QUOTAD

|                           |   |
|---------------------------|---|
| <b>Name/CLI Keyword</b>   | quotad  |
| <b>Full Name</b>          | Quotad  |
| <b>Description</b>        | Registered with IANA on port 762 TCP/UDP  |
| <b>Introduced</b>         | -   |
| <b>Deprecated</b>         | -   |
| <b>Reference</b>          | <a href="http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml">http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml</a> |
| <b>Global ID</b>          | 3:762   |
| <b>ID</b>                 | 634   |
| <b>IPv4 Support</b>       | Yes   |
| <b>IPv6 Support</b>       | Yes   |
| <b>Application Group</b>  | other   |
| <b>Business Relevance</b> | business-relevant   |

|                       |                    |
|-----------------------|--------------------|
| <b>Category</b>       | net-admin          |
| <b>Sub Category</b>   | network-management |
| <b>P2P Technology</b> | False              |
| <b>Encrypted</b>      | False              |
| <b>Traffic-class</b>  | ops-admin-mgmt     |
| <b>Tunnel</b>         | False              |