# WCF

### Host

IIS Host仅支持HTTP协议。Self host、Window Service、WAS支持所有的协议。

### Binding Type

* BasicHttpBinding

Suit for communicating with asp.net web services based services

This binding uses http

Security is disabled by default

Weak in interoperability

* WSHttpBinding

Defines a secure, reliable, interoperable binding suitable for non-duplex service contracts

offers lot more functionality in the area of interoperability

reliable and secure sessions using SOAP security

* WSDualHttpBinding

This binding is same as that of WSHttpBinding, except it supports duplex service

* NetTcpBinding

This binding provides secure and reliable binding environment for .Net to .Net cross machine communication.

It uses TCP protocol and provides support for security, transaction and reliability.

* NetNamedPipeBinding

provides secure and reliable binding environment for on-machine cross process communication.

* NetMsmqBinding

provides secure and reliable queued communication for cross-machine environment

Queuing is provided by using MSMQ as transport

enables for disconnected operations, failure isolation and load leveling

* NetPeerTcpBinding

provides secure binding for peer-to-peer environment and network applications

uses TCP protocol for communication