



> DDNS(Dynamic Domain Service) ?

> DDNS

DDNS

, Linux & Unix

DDNS SDK

DDNS SDK ,

Linux & Unix

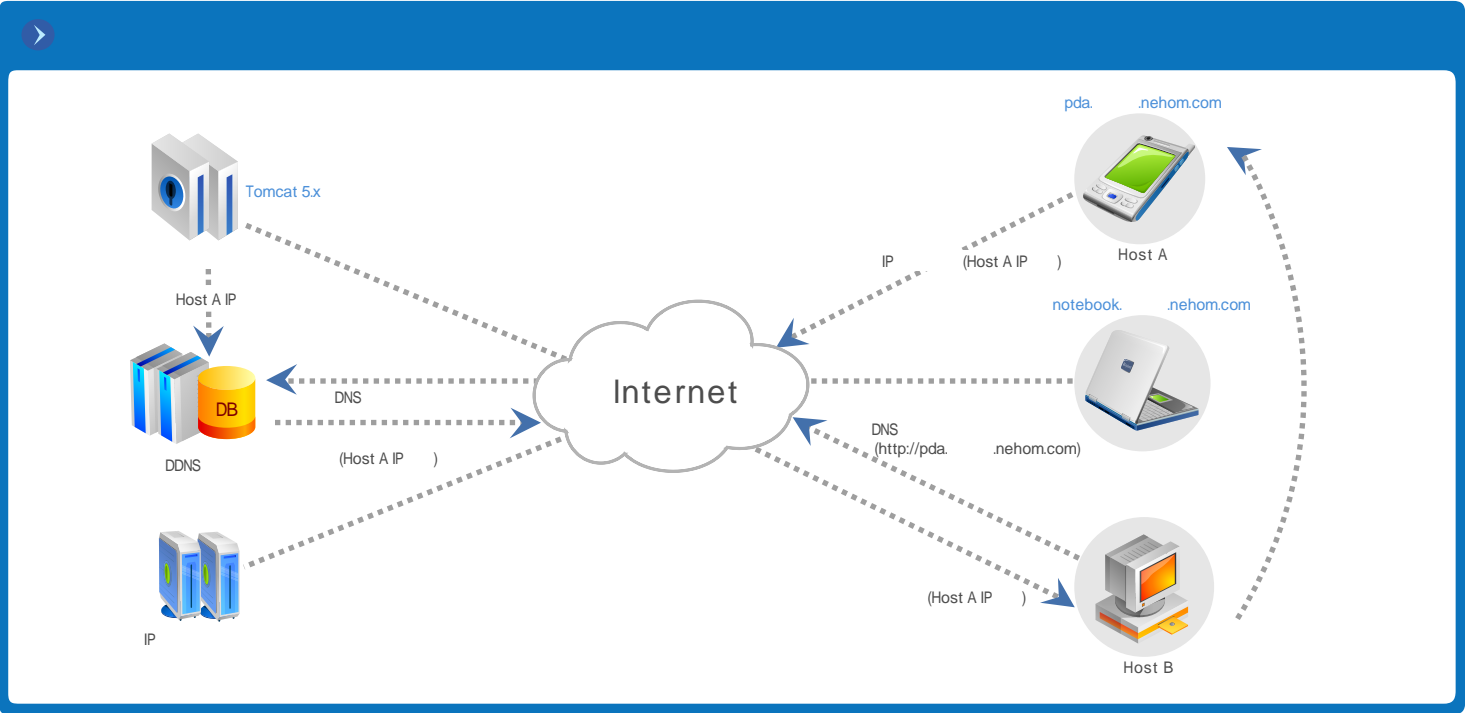
IP

가 (NAT) IP

>

- IP
-
- 가
-

- Zone





- DVR(Digital Video Recorder)
- PC SOHO
- PC
- PC
- (.com)



DDNS

SDK API

DDNS SDK
SDK API

System API

```
int GetOSInfo(COSInfo* osInfo)

int IsUPnP()
int AddPortMapping(int outPort, int inPort, LPCSTR inIP, LPCSTR proto)
LPCSTR GetFriendlyName()
LPCSTR GetManufacture()
LPCSTR GetModelName()

int GetSystemNICInfo(CNICInfoList* nicInfoList)
CString GetOfficalIP ()
int GetNetworkType()
```

Service API

```
int SetDomainFW(CUserCredential* userInfo, CDomainFWInfo* domainInfo)
int SetDomainMgr(CUserCredential* userInfo, CDomainMgrInfo* domainInfo)
int SetParkingInfo(CUserCredential* userInfo, CParkingInfo* parkingInfo)
int GetDomainFWInfo(CUserCredential* userInfo, CDomainFWInfo* domainFW)
int GetDomainMgrInfo(CUserCredential* userInfo, CDomainMgrInfo* domainMgr)
int GetParkingInfo(CUserCredential* userInfo, CParkingInfo* parkingInfo)
```

DDNS API

```
int Login(CUserCredential* userInfo, CLoginInfoClass* loginInfo)
int LogOut(CUserCredential* userInfo)
int IPUpdate(CUserCredential* userInfo, CIPUpdateInfo* ipInfo)
```

API

```
int SendRequest (int op, Credential userInfo, String ip, String netmask, String mac);
String GetResultString (int retcode)
```



DDNS

DDNS

- MS Windows
: Windows 2000, XP, 2003
: MS SQL 2000
- Linux & Unix
: Linux & Unix
: MySQL, PostgreSQL

DDNS

- MS Windows
: Windows 98, ME, 2000, 2003
- Linux & Unix
: Linux & Unix

- MS Windows
: VC++6.0 sp 5
SDK : Platform SDK
UPNP : CyberLink
XML : Xerceses
- Linux & UNIX
: C (g++3.3.3.)
: OpenSSL 0.9.7.a, ghttp



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