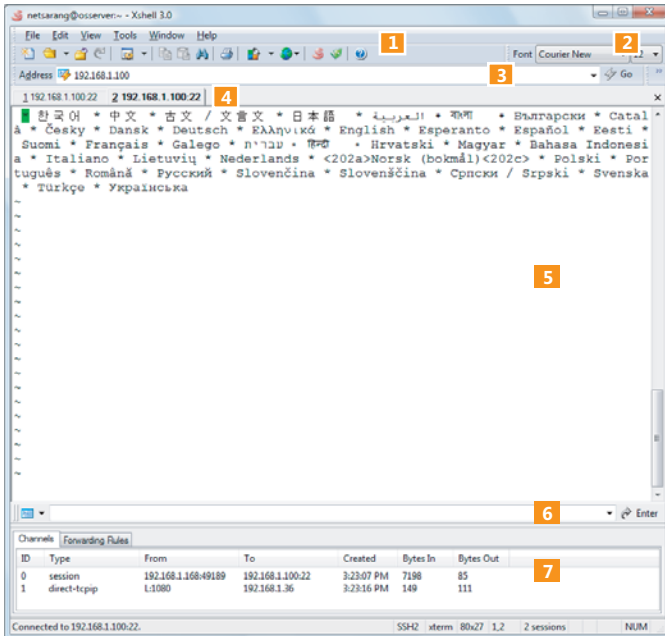


# Xshell 3

## Powerful SSH/TELNET Terminal Emulator

Xshell is a powerful SSH1/2 and TELNET terminal emulator for Windows platforms. It allows users to gain terminal access to remote hosts easily and securely from Windows PCs. Xshell is designed to satisfy both beginners and advanced users. Its user interface is intuitive and easy to use and yet, provides advanced users with powerful features such as local commands, searching with regular expressions, dynamic port forwarding, and login script.



### 1 Customizable toolbar

Add or remove buttons to the toolbar

### 2 Font bar

Change font on-the-fly

### 3 Address bar

Instant connection to the remote host (SSH/TELNET/SFTP/FTP/XDMCP)

### 4 Session bar

Connect to multiple servers at once

### 5 Terminal

UTF-8 based terminal for multiple language display

### 6 Compose bar

Send commands to multiple servers at once

### 7 Tunneling bar

Add and delete port forwarding rules



## Specification

### Installation and deployment

- Windows 98/ME/NT/2000/XP/2003/Vista
- Windows Terminal Server
- Citrix MetaFrame Presentation Server
- Packaged with InstallShield
- Silent Installation support
- Easy session deployment

### General

- Supports SSH1, SSH2, SFTP, TELNET, RLOGIN and SERIAL protocols
- Multi-user configuration
- Runs as SOCK4/5 proxy
- Keep alive option
- One click connect tool, Xactivator
- Automatic session logging
- Customizable log file name
- DOS commands support in local Xshell prompt
- Use local prompt while connected

### Security

- RSA/DSA public key, Password, and Keyboard Interactive authentication methods
- RSA/DSA key generation wizard
- RSA/DSA key import/export feature
- SSH authentication agent forwarding using Xagent
- AES128/192/256, 3DES, BLOWFISH, CAST128, ARCFOUR, and RIJNDAEL encryption methods
- SHA1, SHA1-96, MD5, MD5-96, and RIPEMD160 MAC algorithms
- zlib compression
- Host key and user key manager

### Tunneling

- TCP/IP forwarding support
- X11 forwarding support
- Instant port forwarding
- Monitor tunneling status

### Terminal

- VT100/220/320, XTERM, LINUX, SCOANSI, and ANSI terminal support
- UTF-8 based terminal
- Send commands to multiple servers simultaneously
- Scroll buffer up to 32767 lines
- Text searching with regular expressions
- Scrolled/Column selection and copy
- Multi-byte character copy & paste support
- Printing selected text, screen, or scroll buffer
- Bold font and ANSI color code
- Supports terminal (network) printing
- Configurable line spacing and margin

### Appearance

- Customizable toolbars
- Color scheme edit/import/export feature
- Configurable cursor color and blinking speed
- Instant font change with Font bar
- Quick Command buttons
- Network traffic status on Status bar
- Full Screen view (Alt + Enter)

## Key Benefits

### Maximize your productivity with built-in user convenience features

Xshell is packed with built-in user convenience features that cannot be found in any other terminal emulator. Features such as tabbed session, Compose bar, window arrangement, instant port forwarding, X11 forwarding, Quick Command bar, and instant layout switch are designed to help users to perform their remote task faster and more efficiently.

### Don't let others take a pick at your information

Xshell supports various security features such as SSH1/SSH2 protocols, password, and DSA/RSA public key user authentication methods, and encrypts all traffics with various encryption algorithms. It is essential to keep your data safe with the built-in Xshell security features, because the traditional connection protocols such as TELNET and Rlogin can leave your network traffic vulnerable to anyone with little bit of network knowledge. Xshell can help you protect your data from hackers.

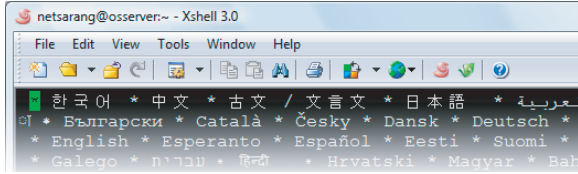
### Multiple languages in a single screen? Xshell is ready when you are

Xshell is the first of its kind that has UTF-8 based terminal. With Xshell, multiple languages can be displayed on a single screen and there is no need to switch between different language encodings. As more businesses are moving towards providing their services, databases and applications in UTF-8 format, there is increasing demand for a terminal emulator that supports UTF-8 encoding. And, Xshell can help you handling the multi language environment.

## Key Features

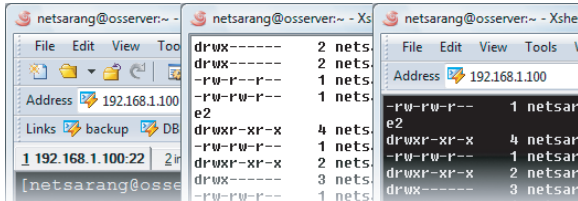
### UTF-8 based terminal | Supporting multiple language for global users

Xshell now supports UTF-8 encoding. With UTF-8 support, Xshell can now display multiple languages in a single terminal screen. This feature is particularly useful if your database has entries in different languages. You can switch to UTF-8 encoding by selecting Unicode (UTF-8) in the Encoding list of the Standard toolbar.



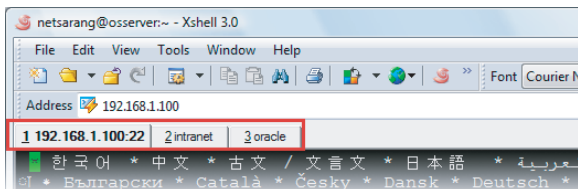
### Instant layout switch | Switching layout by pressing short key

Layout switch is a unique Xshell feature that lets you define customized Xshell layouts and switch between them with simple key combination. Simply press ALT + L simultaneously to switch between layouts anytime during the use of Xshell.



### Session tab | Session tab to open multiple sessions in a single window

Session tab lets you open multiple sessions in a single Xshell window. A session is added to the Session tab when it starts and the user can freely switch the displayed name, close the session, and rearrange the order. For system and network administrators who need to access multiple servers occasionally, the session tab feature can reduce the desktop clutter and provide more flexible work environment.



#### File Management

- ZMODEM download and upload
- Drag & Drop file transfer (ZMODEM)
- Command line SFTP file transfer
- ASCII file upload

#### Interoperability

- Launch X applications from Xshell
- Launch file transfer client from current session
- Print remote documents with Xlpd

## Features

#### • Drag & Drop File Transfer

With Drag&Drop file transfer support, now Xshell can transfer files to the remote directory while working on a terminal session. Simply drag the files you want to transfer and drop it onto the terminal screen. Files are uploaded to the remote server as soon as you drop them onto the screen. Now, you don't have to open a FTP client for simple file transfers.

#### • Compose bar

Compose bar lets you write a query before it is actually sent to the server. Then, the user can decide to send it to all connected servers at once or just one. Compose bar can be especially resourceful to those server administrators who needs to send the same commands to multiple servers to check the status of servers. Also, the Compose bar has history feature built in, so you do not need to type the same command twice.

#### • Using local shell interface to control Xshell

#### • Sending response automatically with Wait & Response

#### • Using Dynamic Port Forwarding with Tunneling bar (SSH)

#### • Sending terminal contents to Notepad with click of a button

#### • Launching X applications through SSH tunnel

#### • Xactivator for convenient and quick access to your servers

## Get Xshell Now

### Try Xshell for Free for 30 Days

You can evaluate Xshell for free for 30 days. Evaluation copy is fully functional and there is no feature limitation.

#### • Download Link

<http://www.netsarang.com/download/main.html>

### When You Are Ready to Buy

You can buy Xshell through our online store or by contacting one of our world wide resellers in the following reseller list. Also, you can send us your purchase order at [sales@netsarang.com](mailto:sales@netsarang.com).

#### • Reseller List

<http://www.netsarang.com/reseller/main.html>

#### • Online Store

[http://sales.netsarang.com/e\\_sales/online\\_store.html](http://sales.netsarang.com/e_sales/online_store.html)

### Find out more about Xshell

For more detail on Xshell and other applications, please visit our website at <http://www.netsarang.com/>



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### About NetSarang Computer, Inc.

NetSarang Computer, Inc. develops, markets and supports secure connectivity solution in the global market. The company develops a family of PC X server and SSH client software for PC-to-Unix and PC-to-Linux, and is expanding its TCP/IP network technologies to other Internet businesses. The company offers its products and services to more than 90 countries around the world.