Configuring Local Services

1. **Access Control Panel (Windows) or System Preferences (Mac):**
   - On **Windows**, open Control Panel > Administrative Tools > Services.
   - On **Mac**, go to System Preferences > Sharing or System Preferences > Users & Groups > Login Items.
2. **Identify the Service:**
   - Determine which service you want to configure (e.g., web server, database service, file sharing).
3. **Start/Stop the Service:**
   - Click on the service name.
   - Choose options like "Start," "Stop," or "Restart" from the toolbar or right-click menu.
4. **Configure Service Properties:**
   - Right-click on the service name and select "Properties" (Windows) or click on the service and configure options (Mac).
5. **Set Startup Behavior (Optional):**
   - Decide if the service should start automatically with the system or manually each time it's needed.

Managing Basic System Issues

1. **Identify the Issue:**
   - Determine what's causing the problem (e.g., slow performance, software error, connectivity issues, duplicate ip address, Dns problem, DHCP issue).
2. **Troubleshoot the Problem:**
   - Use built-in system tools like Task Manager (Windows) or Activity Monitor (Mac) to identify resource-heavy processes.
3. **Restart the System:**
   - Sometimes, a simple restart can resolve common issues by refreshing system resources.
4. **Check for Updates:**
   - Ensure your operating system and installed software are up to date to fix bugs and improve performance.
5. **Backup Data (if needed):**
   - Before making major changes or updates, ensure important data is backed up to prevent data loss.
6. **Seek Help (if necessary):**
   - If you're unsure or the problem persists, consult official documentation, online forums, or contact technical support for further assistance.

Windows Service(Contd..)

To view all the windows services installed on a windows machine :

• Windows+R Key for Run window

• Type "services.msc" and press enter

• The services window will display all the services installed on that machine.
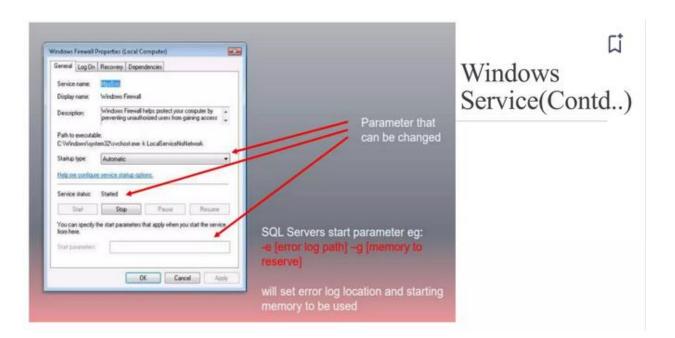
Windows Service(Contd..)

Uses of windows services :

Windows services provide core operating system features such as:

• Windows Event log service

• Windows Firewall service

• Windows Error reporting service

Name	Description	Status	Startup Type	Log On A
ActiveX Installer (AxInstSV)	Provides User Ac...		Manual	Local Sys
Adobe Acrobat Update Serv...	Adobe Acrobat U...	Running	Automatic	Local Sys
Adobe Genuine Monitor Ser...	Adobe Genuine ...	Running	Automatic	Local Sys
Adobe Genuine Software In...	Adobe Genuine S...	Running	Automatic	Local Sys
AdobeUpdateService		Running	Automatic	Local Sys
Agent Activation Runtime_...	Runtime for activ...		Manual	Local Sys
AllJoyn Router Service	Routes AllJoyn m...		Manual (Trigger Start)	Local Ser
AnyDesk Service	AnyDesk support...	Running	Automatic	Local Sys
App Readiness	Gets apps ready f...		Manual	Local Sys
Application Identity	Determines and ...		Manual (Trigger Start)	Local Ser
Application Information	Facilitates the ru...	Running	Manual (Trigger Start)	Local Sys
Application Layer Gateway ...	Provides support...		Manual	Local Ser
Application Management	Processes installa...		Manual	Local Sys
AppX Deployment Service (...	Provides infrastr...	Running	Manual (Trigger Start)	Local Sys
AssignedAccessManager Se...	AssignedAccess...		Manual (Trigger Start)	Local Sys
Auto Time Zone Updater	Automatically se...		Disabled	Local Ser
AVCTP service	This is Audio Vid...	Running	Manual (Trigger Start)	Local Ser
Background Intelligent Tran...	Transfers files in t...		Manual	Local Sys
Background Tasks Infrastruc...	Windows infrastr...	Running	Automatic	Local Sys
Base Filtering Engine	The Base Filterin...	Running	Automatic	Local Ser
BitLocker Drive Encryption ...	BDESVC hosts th...		Manual (Trigger Start)	Local Sys

Service Status	• Started • Pause • Pending • Stop
Service Start Mode	• Automatic • Manual • Delay Start • Disabled
Start As/By	• Local System • Local Service • Network Service

Parameter that can be changed

SQL Servers start parameter eg:
-e [error log path] –g [memory to reserve]

will set error log location and starting memory to be used

Windows Service(Contd..)

Control access to the services

Applicable for hardware based services