

# Windows Administration:

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## ★ Add User:

Tools → Comp. mgmt. → Local users & grps →  
Users → R.C. on users → New User.

### → Single user through Powershell

```
net user <Name> <Password> /add
```

### → Creation of bulk users: through Powershell

Create notepad file and save as .ps1 extension  
with data of users like

```
net user <name> <Password> /add
```

```
" " " " "
```

```
Powershell.exe -file <file path>
```

## ★ Add Group:

Tools → Comp. mgmt. → Local users & grps →  
Groups → R.C. on grps → New group → create

To add user in grp.

R.C. on grp name → Properties → Add → user name  
→ check names → ok

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## DHCP

- Add roles & features → next → next →  
DHCP (roles) → next → next → Install
- Tools → DHCP → R.C. on IPV4 → New  
SCOPE → next → ~~Next~~.. give name → give  
IP add. length → next → set lease duration  
→ Yes, I want... → next → next →  
Yes, I want... → Finish
- ~~Add~~ ~~so~~

## DNS

- Add roles & features → next → next → DNS  
(roles) → next → next → Install  
Creation of zone
- Tools → DNS → Expand machine → R.C. on  
Forward lookup zones → New Zone → Primary  
→ Give name → next → Do not allow  
dynamic updates → Finish

### Creation of host

- R.C. on zone name → New Host → give name &  
IP → Add host



## ★ Password Policy:

Run → secpol.msc → Password Policy →  
Enforced Pass. history (No. of Pass. remembered)  
→ Max Pass age (expiry) →  
→ Min. Pass age (Pass can be changed after)  
→ Min. Pass. length  
→ Pass. must meet complexity requirements.  
→ Store Pass. using reversible encryption

## ★ AppLocker:

Run → services.msc → Application identity →  
Set startup type as Automatic & Service  
status start → OK → Close service  
console

Run → gpedit.msc → Comp. conf. → Windows  
settings → Security settings → Application  
control policies → AppLocker → R.C. on  
Executable files → Create new rule → next  
→ Deny → Publisher → Browse & select  
the Application → next → create

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## Printer Management:

→ Add roles & Features:

next

Print & document services → Add features → install  
close

→ Tools → Print Management → Print server → server1  
→ right click → add a printer →

Add a new printer using an existing port →  
select → Install a new driver → next →

~~select which driver~~ select manf. & model →  
Printer Name → next → next → Finish

→ Run → Control Printers →

→ Go to Printer Properties → ~~security~~  
Advanced → give priority



## \* Remote Desktop:

- Run → sysdm.cpl → Remote → Allow remote connections to the computer → ok
- Open Remote Desktop Connection → Give IP of system whose remote access is needed → Connect

## \* Remote Assistance

- Run → sysdm.cpl → Remote → Allow remote connections to the computer → ok
- Run → msra → Invite Someone → select "save this invitation as a file". and save in c:\ folder "invite" in c:\ → Copy the Password → R.C. on invite → Properties → Sharing → enable sharing → Advanced sharing → Full control to everyone →
- From the VM which is ready to provide assistance, access the shared file & copy the invite folder to the VM. [Run → \\10.x.x.x\invite] → invite → invitation → Help someone. → From the machine which requires assistance, select Yes → Paste Password →

## \* Backup

- Add roles & Features → next → Add Windows Server Backup (Feature) → Install
- Tools → Windows Server Backup → Local Backup (left Panel) → Backup once (Right Panel) → Full server → local drives → select destination Backup.

## \* Disk Mgmt.

- R.C. on VM → settings → Add Hardware → SCSI Controller → Hard Drive → Add → virtual Hard disk → give name → ~~ok~~ new → next → VHDX → Dynamically expanding → next → give size → Finish

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