

■ Quick Guide: Backup and Restore with rsync

1. Basic Backup

Copies all files and preserves permissions.

```
rsync -avh /source/ /backup/
```

2. Incremental Backup

Deletes removed files from backup.

```
rsync -avh --delete /source/ /backup/
```

3. Exclude Patterns

Skips unwanted files.

```
rsync -avh --exclude='*.tmp' /source/ /backup/
```

4. Network Backup

Over SSH connection.

```
rsync -avh /source/ user@remote:/path/
```

5. Restore

Restore files to target directory.

```
rsync -avh /backup/ /restore_target/
```

6. Verify

Dry-run comparison.

```
rsync -avhn --delete /source/ /backup/
```