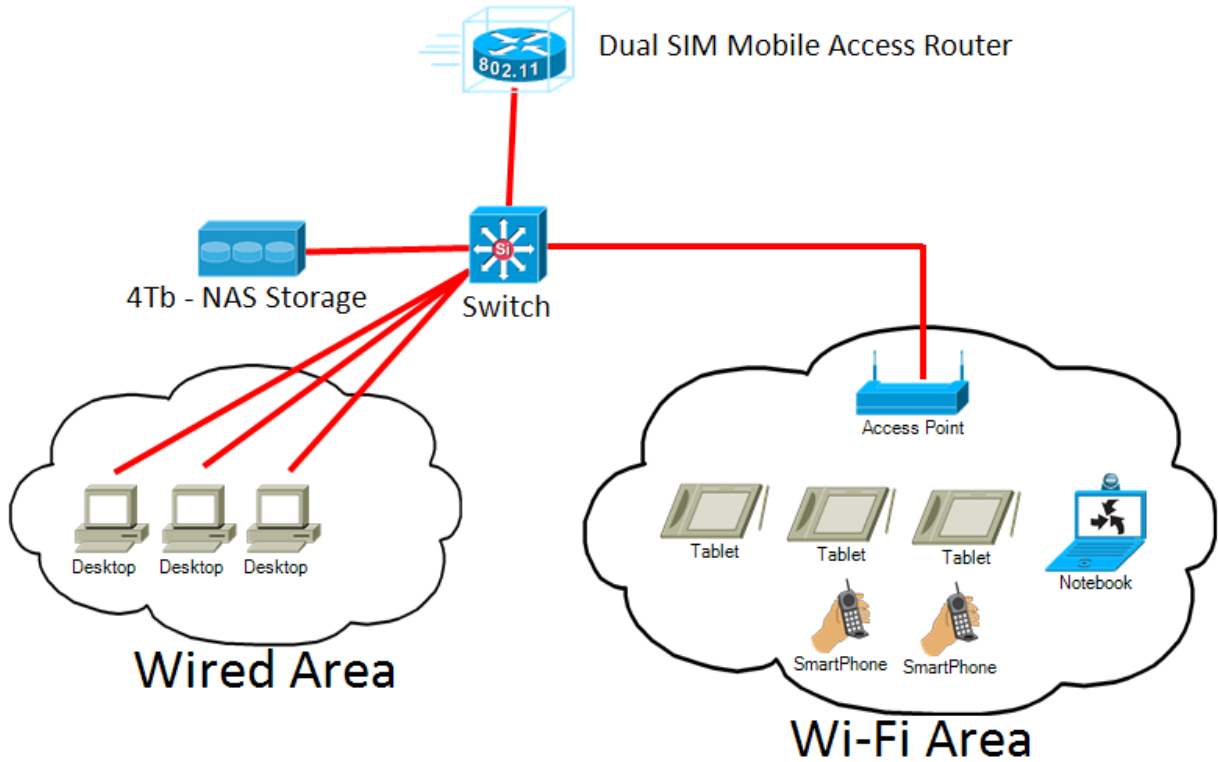


Corradini Primary School

Progetto per una nuova libreria multimediale digitale

Creare una biblioteca digitale con accesso internet per ogni dispositivo (mobile o fisso)



COMPONENTI

Dual Sim Mobile Access Router with Wi-Fi network



Model: **PEPLINK MAX BR1 Mini**

Embedded 4G LTE /3G – Cellular Modem LTE/LTE/A

Sim Card Size: Mini-SIM (2FF)

Wi-Fi: 802.11b/g/n

Switch



Model: **ZYXEL GS1900-8**
Switch Smart Managed 8 port Gigabit

NAS Storage (4Tb RAID 1)



NAS (Network Access Storage)

Powerful and scalable 2-bay NAS for growing businesses

Model: **SYNOLOGY DS718+**

CPU: Intel Celeron J3455

Memory: 6Gb DDR3L

Bay: 2

Capacity: 4Tb (2 x 4Tb SATA HDD WD 'RED' on RAID 1)

External: USB port

Temperature Range: 5°C - 40°C (40°F - 104°F)

Max User: 2048

Personal Multimedia Library

Synology DiskStation DS718+ features real-time H.264/H.265 4K video transcoding of up to two channels, bringing comprehensive support to the latest multimedia file formats and contents and allowing easy file sharing across Windows®, Mac®, and Linux® platforms. With Video Station, you can organize personal digital video library with comprehensive media information and watch 4K Ultra HD movies and films. Photo Station allows you to effortlessly organize photos into customized categories, smart albums and blog posts, and link them to social networking websites within a few clicks. Audio Station comes with Internet radio and lossless

audio formats support and provides music playback via DLNA or AirPlay-compliant devices. Cloud Station Sharesync, Cloud Station Drive, Cloud Station Server.

Virtual Machine Manager: Deploy and run various virtual machines on Synology NAS, including Windows, Linux, or Virtual DSM.

Download Station:

Supported download protocols: BT, HTTP, FTP, NZB, eMule, Thunder, FlashGet, QQDL

Web Station:

Virtual host (up to 30 websites), PHP / MariaDB®, third-party applications support

Other packages:

Video Station, Photo Station, Audio Station, DNS Server, RADIUS Server, iTunes® Server, Log Center, third-party packages available on Package Center

iOS/Android™ applications:

DS audio, DS cam, DS cloud, DS file, DS finder, DS get, DS note, DS photo, DS video, MailPlus



Il progetto è stato integrato con la donazione di 1 PC Notebook DELL di classe medio alta, 5 tablet Samsung Android e 5 e-book reader.

Le possibilità d'uso, sono riassumibili come segue:

- a) creare una rete locale dove tutti i dispositivi, sia fissi che mobili, sono tra loro connessi;
- b) avere uno spazio condiviso ed utilizzabile da tutti per memorizzare qualsiasi tipo di contenuto: dai dati, alla musica, ai video e qualsiasi altro supporto multimediale;
- c) fornire connessione alla rete internet per tutti i dispositivi connessi, sia 'by wire' che 'by wireless';
- d) poter accedere anche dall'esterno allo spazio condiviso offerto dal NAS per poter caricare contenuti o comunque condividere contenuti
- e) dare connettività internet anche alla LIM installata in precedenza.

Le funzionalità del sistema sono pertanto molteplici e tutte contemporaneamente usufruibili.