

Authentication at four institutions (Eduroam) in Vietnam

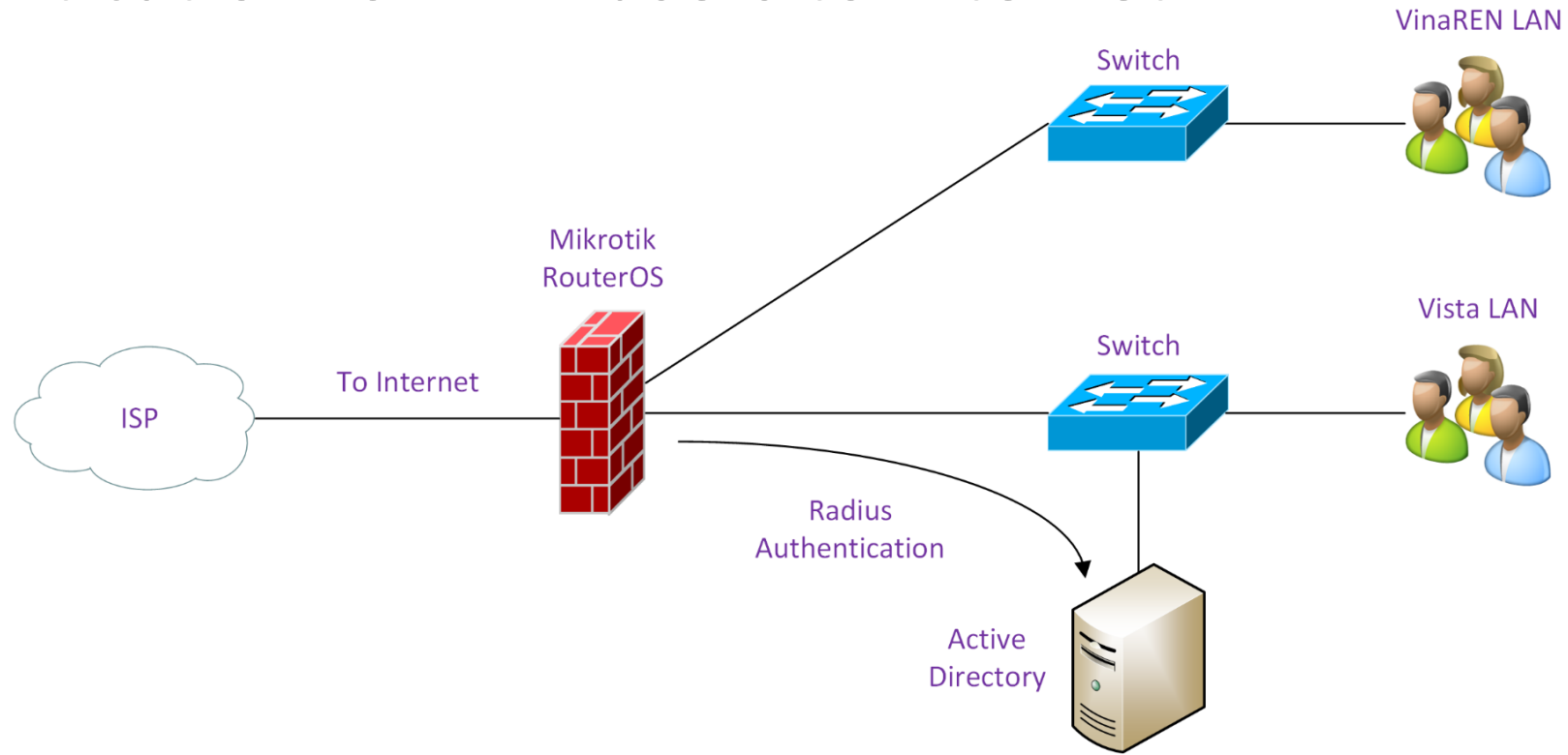
NREN: VinaREN

Country: Vietnam

Presenter: PhD. Nguyen Hong Van

Authentication in NASATI/VinaREN

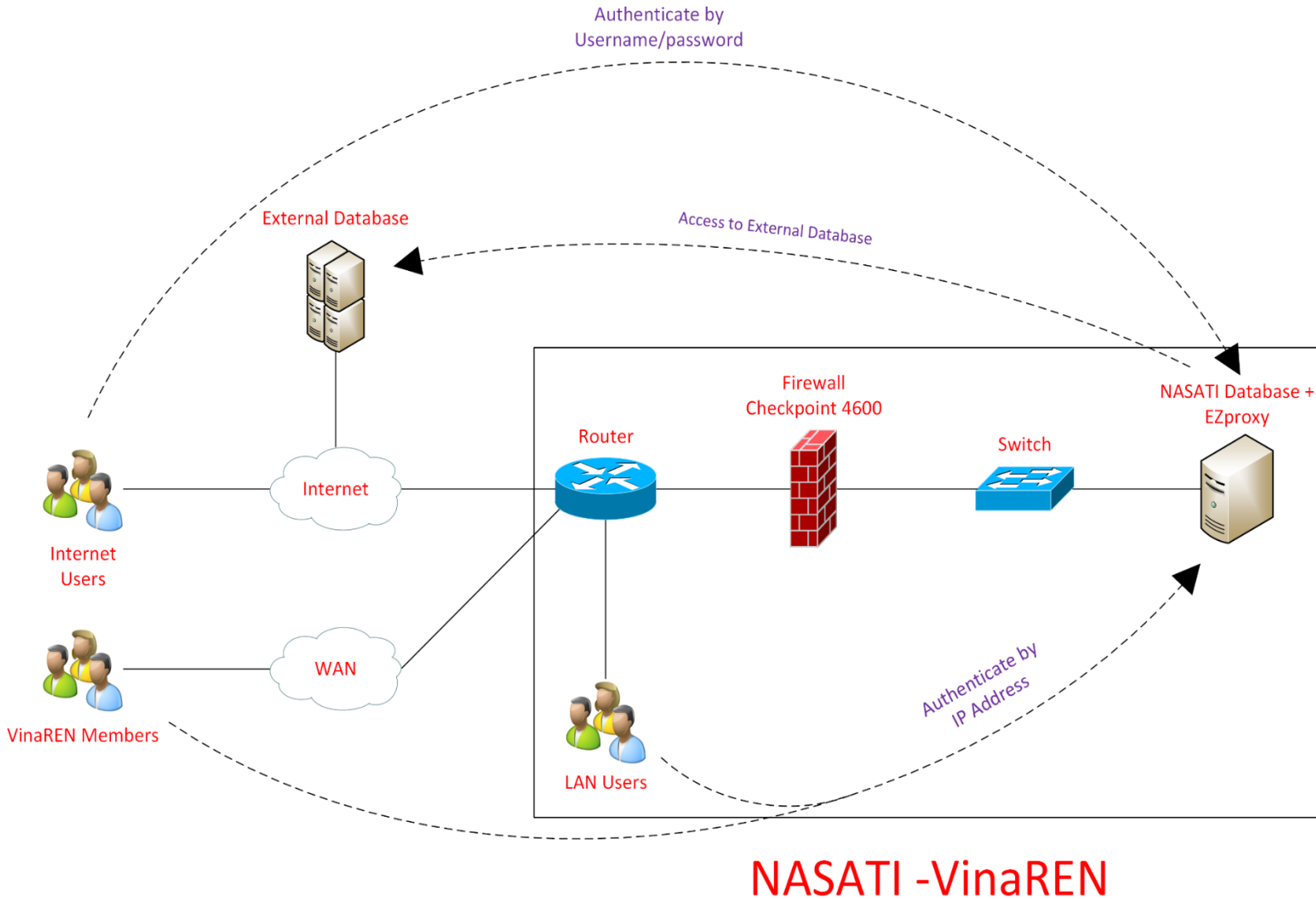
Authentication for LAN users to Internet



Mikrotik RouterOS acts as Default Gateway for LAN.
Active Directory Server acts as Authentication Server.

Users in VinaREN LAN and Vista LAN that want to go out of local network must be authenticated by Default Gateway.
Users Database is stored in Active Directory Server.
Default Gateway gets Users information from Active Directory Server by Radius protocol.

Authentication for users to databases



External Database: ScienceDirect, IEEE Xplore Digital Library, ACS Publications, Springer Nature, Proquest Central, Scopus, IG Publishing ...

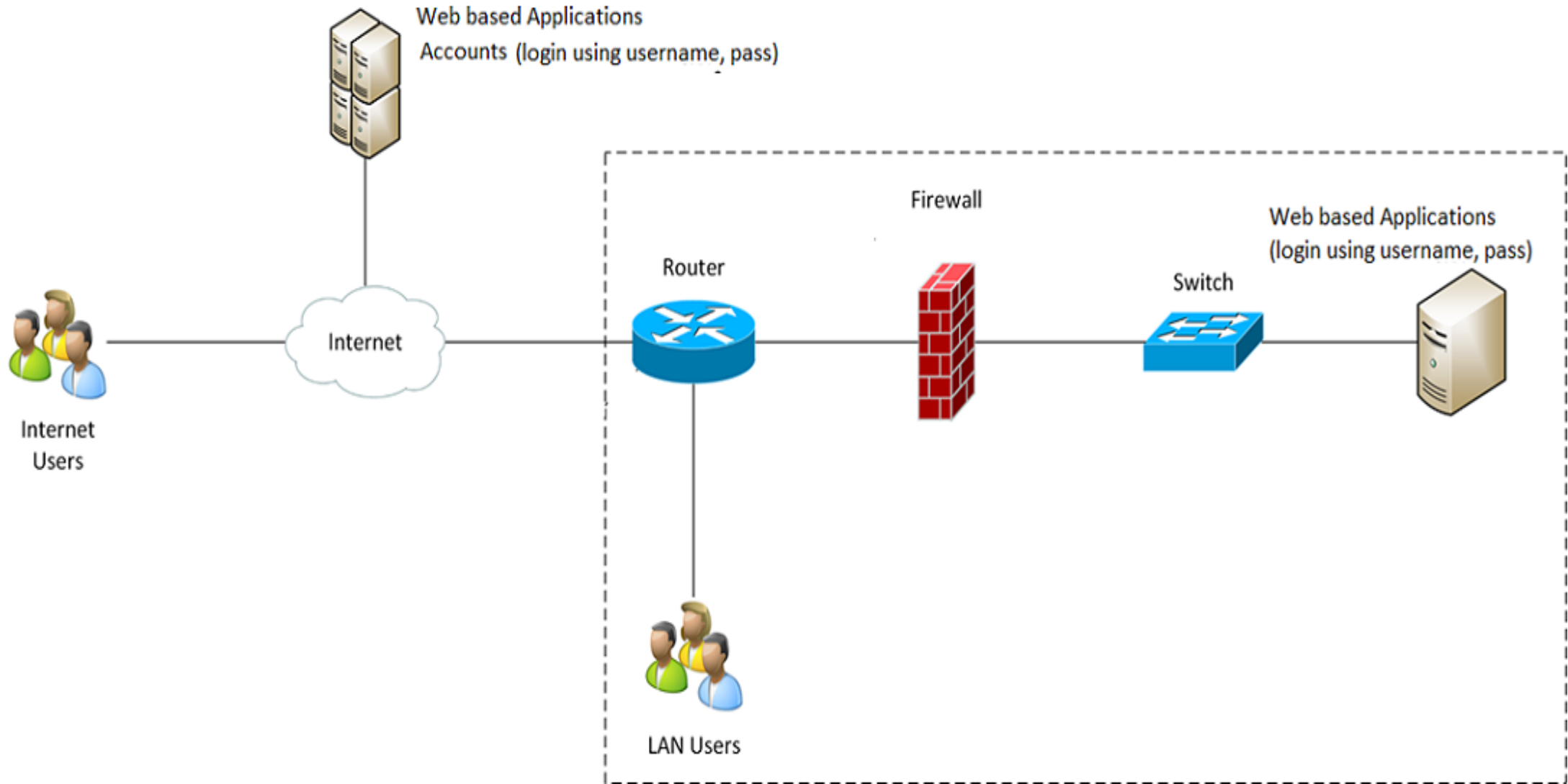
NASATI Database server has EZproxy software installed and acts as a proxy server.

All Users that want to access External Database have to connect through EZproxy server.

Internet Users have to use username/password to login to NASATI Database and Ezproxy.

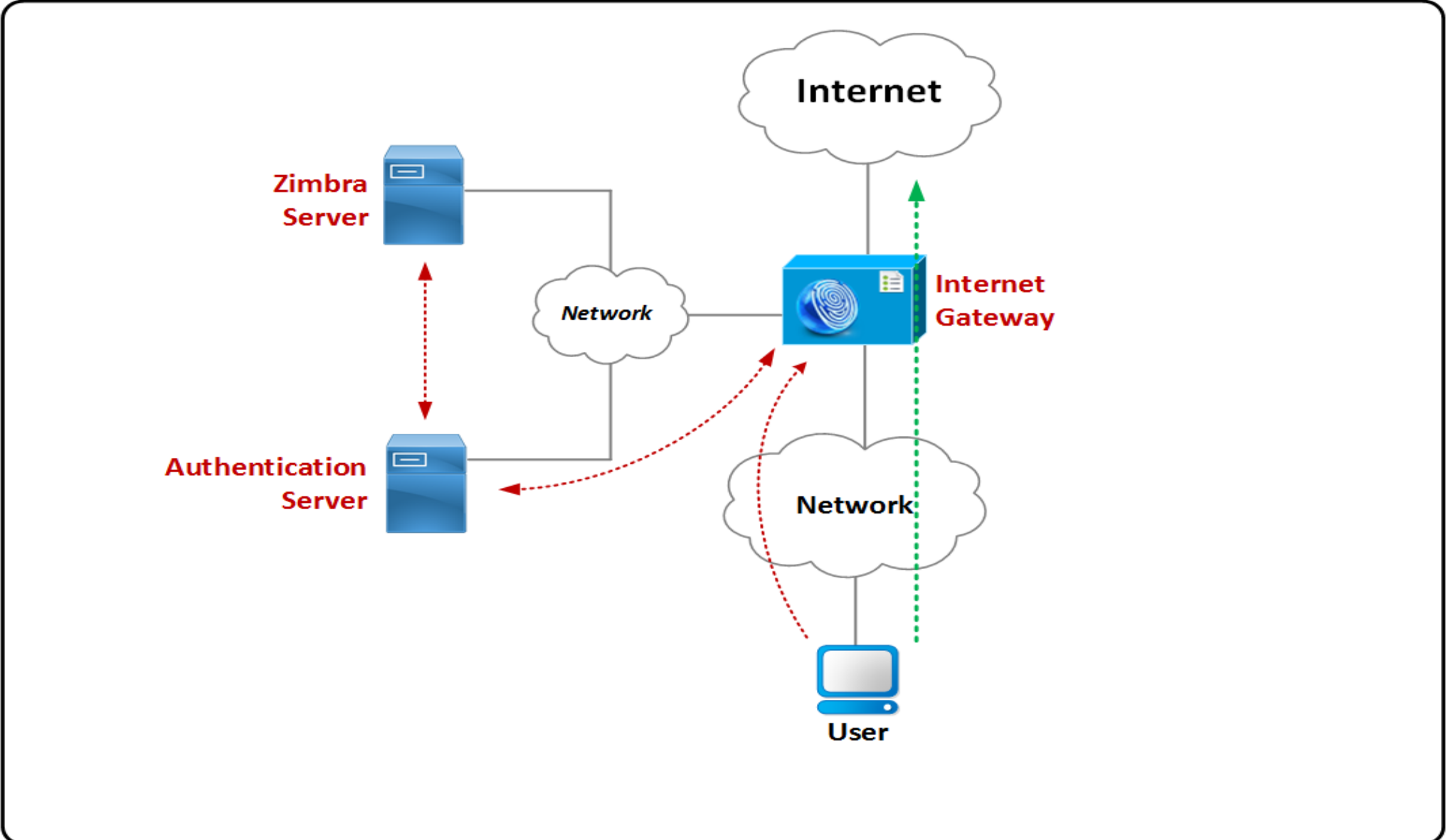
LAN Users and VinaREN Members don't have to login with username/password because they have been supplied a range of IP Addresses that has access privilege.

Authentication for users to Applications

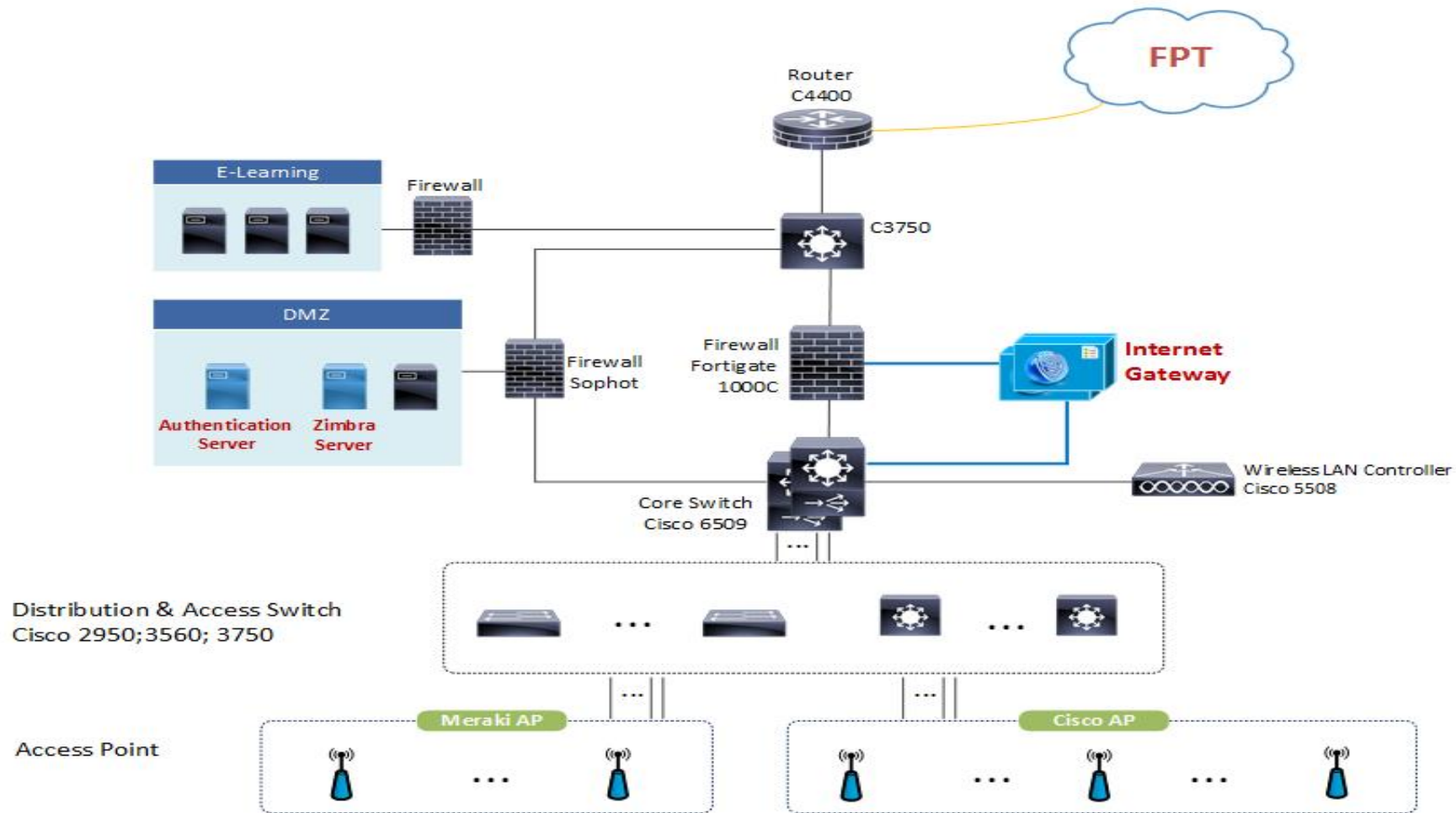


Authentication in HUST (Hanoi University of Science and Technology)

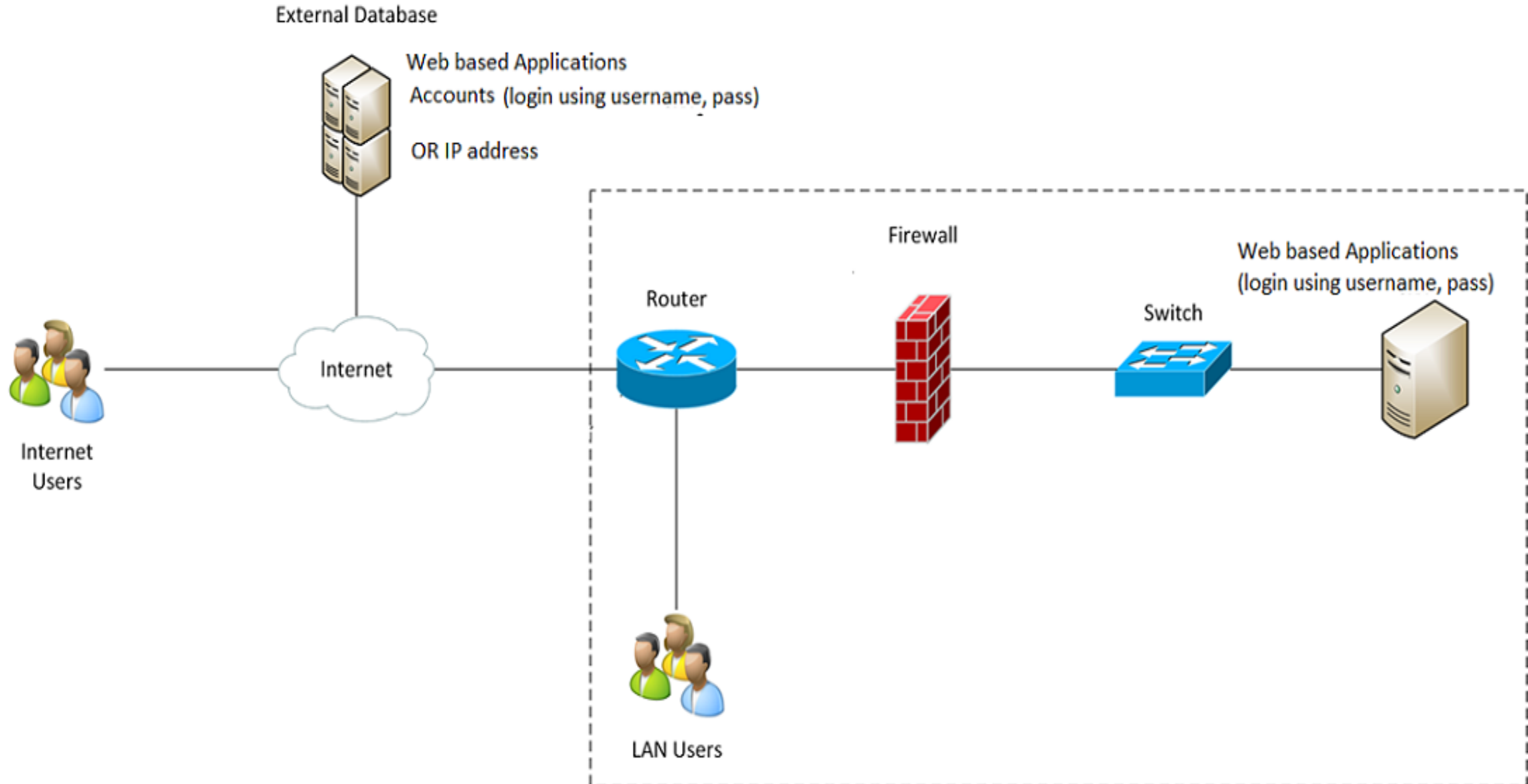
Authentication for LAN users to Internet



HUST network with authentication for LAN users to Internet

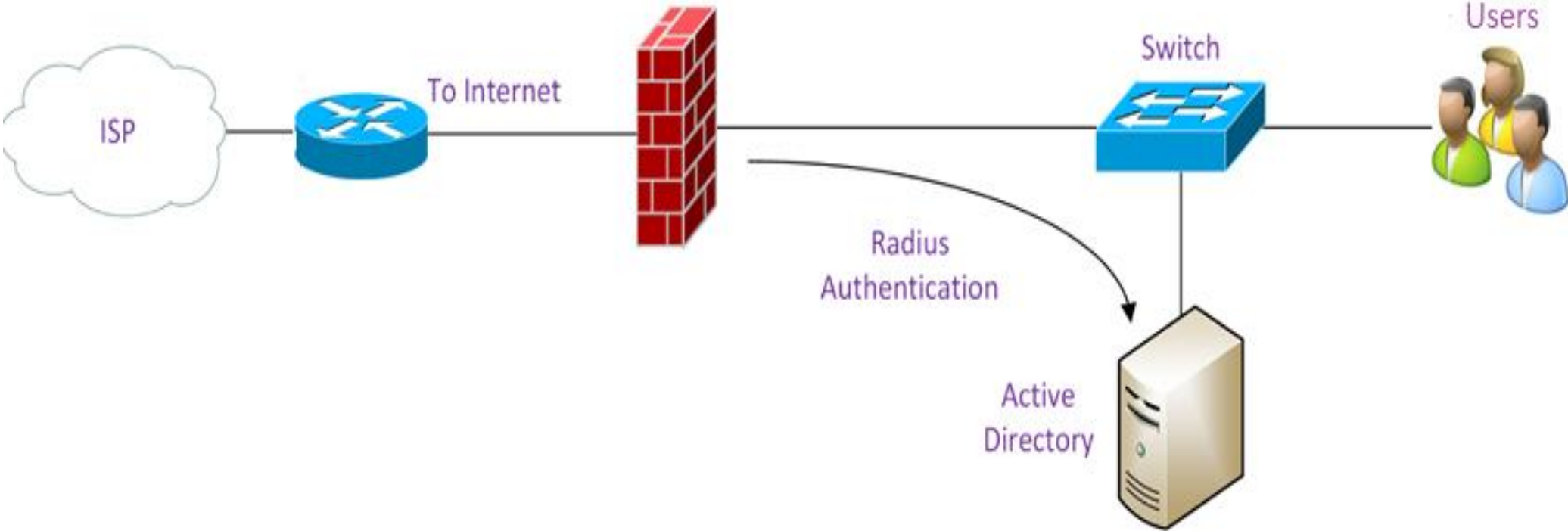


Authentication for users to databases, applications



Authentication in NRI (Nuclear Research Institute) and
VNUHCM (Vietnam National University – Hochiminh)

Authentication for LAN users to Internet



Authentication for users to databases, applications

