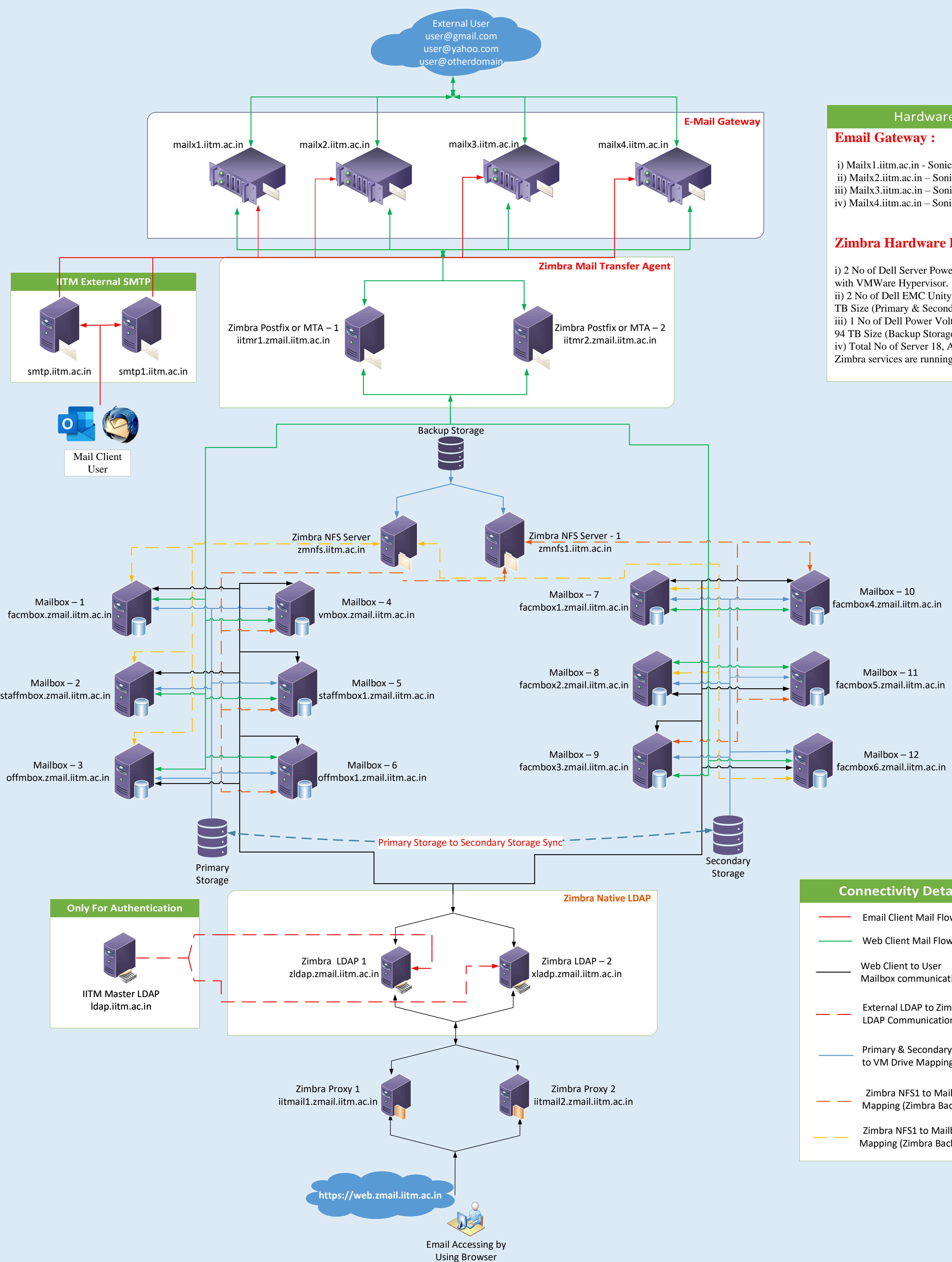


# IITM Email Server Architecture



**Hardware Details**

**Email Gateway :**

- Mailx1.iitm.ac.in - SonicWALL 9000 Series
- Mailx2.iitm.ac.in - SonicWALL 9000 Series
- Mailx3.iitm.ac.in - SonicWALL 9000 Series
- Mailx4.iitm.ac.in - SonicWALL 9000 Series

**Zimbra Hardware Detail :**

- 2 No of Dell Server PowerEdge R650 Running with VMWare Hypervisor.
- 2 No of Dell EMC Unity XT 480 Storage with 150 TB Size (Primary & Secondary Storage)
- 1 No of Dell Power Volte EM 5012 Storage with 94 TB Size (Backup Storage)
- Total No of Server 18, Architechur refried all the Zimbra services are running on indivial VMs.

**Connectivity Details**

- Red line: Email Client Mail Flow
- Green line: Web Client Mail Flow
- Black line: Web Client to User Mailbox communication
- Red dashed line: External LDAP to Zimbra LDAP Communication
- Blue line: Primary & Secondary Storage to VM Drive Mapping
- Orange dashed line: Zimbra NFS1 to Mailbox Mapping (Zimbra Backup)
- Yellow dashed line: Zimbra NFS1 to Mailbox Mapping (Zimbra Backup)

