

# TARMAC 2.4 SYSTEM REQUIREMENTS



- Server Hardware
  - min. 4 GB RAM
  - min. 2 x 2 GHz 64-Bit processor
  - min. 40 GB free hard drive
  - Java SE 7 JDK 64-Bit
- Operating System
  - Windows Server 2012
  - Windows Server 2008 R2
  - Mac OS X 10.9 ,10.10 and 10.11 El Capitan
  - Ubuntu Linux Server 12.04 LTS and 14.04 LTS (64 Bit)
- Browser
  - Firefox 20 or later
  - Google Chrome (latest version)
  - Safari 5.0 or later
- Directory Service
  - Active Directory Domain and Forests
  - Active Directory Global Catalog
  - Open Directory
  - MySQL Database

- Networking Requirements
  - Incoming TCP Ports
    - 80 or 443: TARMAC web UI and MDM Enrollment
  - Outgoing TCP Ports
    - 2195, gateway.push.apple.com: Apple Push Notification Service
    - 80 und 443, itunes.apple.com: App Store Apps and VPP
  - other Network Connections
    - 5223: to iOS devices, required for Apple Push notifications for Apps
    - 2196: Apple Push Notification Service Response

**Note:** Other networking configurations (e.g. reverse proxy setups) are supported, please contact your TARMAC partner for detailed information.

