

## Minimum Smart Pass (EZ-Pass) cloud server configuration

1. Determine the total current AND potential scanner devices that will connect to the server
2. Devices must be able to ping the cloud server. This is typically done using a public, static IP
3. Confirm that the four ports 9000, 7788, 3307, and 9023 have been opened on the network
4. Download the most current version of the EZ Pass Server Management SW (v2.3.4, as of 7-1-20)
5. MANUALLY ALLOW the following applications through the server firewall
  - EZ-Pass (C:\Program Files\MIPS)
  - MySQL (C:\Program Files\MIPS\mysql\_v4\bin)

### <100 Devices - Minimum Server Specs

- 1 Server
- CPU / Memory: Dual Core, 4GB RAM
- Bandwidth (classic network): 10MB or above
- Hard disk: 100GB or above
- Windows 10 Pro, Windows Server 2012 R2, 2016, 2019

### 101 - 300 Devices - Minimum Server Specs

- 1 Server
- CPU / Memory: Dual Core, 8GB RAM
- Bandwidth (classic network): 10MB or above
- Hard disk: 200GB or above
- Windows 10 Pro, Windows Server 2012 R2, 2016, 2019

### 301 - 500 Devices - Minimum Server Specs

- 1 Server
- CPU / Memory: Quad Core, 8GB RAM
- Bandwidth (classic network): 20MB or above
- Hard disk: 300GB or above
- Windows 10 Pro, Windows Server 2012 R2, 2016, 2019

#### >500 Devices - Minimum Server Specs

- Dual Servers
- CPU / Memory: Dual Core, 8GB (each)
- Bandwidth (classic network): 20M or above (each)
- Disk: 40GB system disk + 500GB data disk
- Windows 10 Pro, Windows Server 2012 R2, 2016, 2019