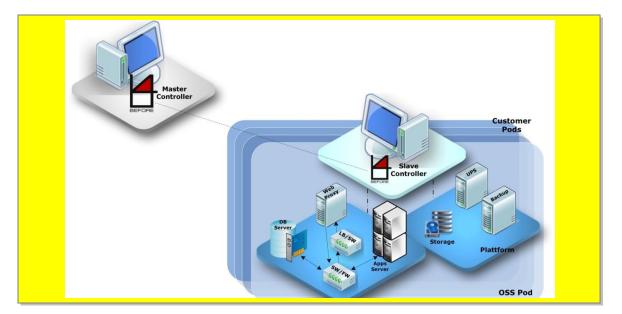# Requirements for b4 Installation

1. b4 Controller	
☑	Server HW or VM / 6 CPUs / 12 GB RAM Memory / 200 GB Disk (minimum configuration)
☑	Windows Server 2019 or 2016 English / <u>Clean Installation</u> / Latest MS updates
☑	Access to MS resources for Windows Server installation (local, on local network, on Internet)
☑	Administrator access
☑	Access to SMTP Server
☑	Default e-mail address group that will receive b4 generated e-mails
☑	LAN IP (local IP of the b4 Controller)
☑	b4 installation should be downloaded from the links provided by AmdoSoft
☑	MS SQL Express database will be installed locally
☑	Access to AmdoSoft Update Servers b4update.amdosoft.com and b4update-cvs.amdosoft.com over one of these ports 80, 443 or 2501. If direct access is not possible, this can alternatively take place via HTTP proxy.

2. b4 Bot	
☑	Windows OS with Workstation Windows 7 or higher / Server Windows 2012 or higher
☑	Additional Server HW oder VM / 200 MB RAM Memory / 800 MB HDD
☑	Dedicated administrative Windows account
☑	Access to b4 Controller over TCP port 2501
☑	Configure b4 Bot Windows System security so that it execute checkpoints (e.g. AntiVirus, Defender…)

3. b4 Agent	
☑	Access to b4 Controller over TCP port 2501
☑	Windows
☑	Linux
☑	Unix
☑	MACOS

4. b4 Dashboard	
☑	If to be started remotely, access to b4 Controller over port 80 or 443

5. b4 Console	
☑	If to be started remotely, access to b4 Controller over port 2501