

Windows Server 2022: OS Installation and Deployment

Plan for Windows 2022 Installations and Upgrades



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Windows Server 2022 Minimum Requirements

1.4 Ghz processor

Error correcting 512 MBs RAM

2 GBs RAM for Desktop Exp.

32 GBs storage

1 GB ethernet card



Windows Server 2022 Recommendations

2 Ghz or better 64 bit processor with 8 or more cores

16 GBs ECC RAM

Over 100 GBs storage

1 Gb ethernet card



Windows Deployment Server Requirements

Same 64 bit processor

4 GBs RAM, 332 GBs recommended

Enough storage for host OS and deployment files

1 GB ethernet card or better



Upgrade Options

2019 -> 2022
Upgrade supported

2016 ->2022
**Run all updates before
upgrade**

**2012 -> 2016 ->
2022**
2 step upgrade



**Can't upgrade
from 32 to 64 bit**

**Can't use multiple
languages**

**DC's can't be
converted to retail**

Unsupported Options



**Preview and
prelease cannot be
upgraded**

**Can't switch from Core to
Desktop Experience**

**Can't downgrade from
Datacenter to Standard**

Unsupported Options



Standard
Datacenter
Datacenter: Azure edition
(cloud only)

Editions of Windows Server 2022



Most popular
Missing - Hotpatching
and SDN
Minimal
Storage Replica Options

Standard Edition



No Hotpatching

Includes SDN

Unlimited storage

**Unlimited Hyper-V VMs
and Containers**

Datacenter



Highed end edition
Includes all features
Admin center upgrade

Datacenter Azure Edition





Manual Options

- **DVD**
- **ISO for virtual machines**
- **Answer questions during each phase**





Automated Installation Options

- **Answer file**
- **Windows Deployment Services (WDS)**
- **Endpoint Manager**





Automated Installation Options

- **System Center Configuration Manager**
- **Virtual Machine Manager**
- **Third party product**





Windows Deployment Services

- **Active Directory**
- **DHCP**
- **DNS**

