



v1.0, 25-04-2009

VMware ESXi 3.5
(without vCenter
Server)VMware ESX(i) 3.5
(with vCenter
Server)VMware vSphere 4
(with vCenter
Server)Microsoft
Hyper-V Server
2008Microsoft Server 2008
Enterprise with Hyper-
V 1.0Microsoft Server 2008
Enterprise with Hyper-
V 2.0Citrix XenServer
4.5

Citrix XenServer 5.0

Free

✓

✓

✓

Business continuity

High Availability

✓

✓

✓ (MSCS)

✓ (MSCS)

✓

✓ *1

Fault tolerance (zero downtime HA)

✓

Disaster recovery

✓ (SRM)

✓ (SRM)

✓ (WS)

Storage replication support for disaster recovery

✓

✓

✓

✓

✓

✓

✓

✓

Live migration

✓

✓

✓

✓ *4

✓ *4

Storage

Local storage

✓

✓

✓

✓

✓

✓

✓

✓

Shared storage (FC, iSCSI)

✓

✓

✓

✓

✓

✓

✓

✓

Live storage migration (no downtime)

✓

✓

Back-up

Support for back-up and recovery

✓

✓

✓

✓

✓

✓

Back-up proxy

✓

✓

Networking

VLAN support (802.1q)

✓

✓

✓

✓

✓

✓

✓

✓

Link aggregation (803.2ad)

✓

✓

✓

✓ *6

✓ *6

✓ *6

✓

✓

Core

Bare metal deployment

✓

✓

✓

✓

✓

✓

✓

Intel-VT or AMD-V needed

No

No

No

Yes

Yes

Yes

Yes

Yes

Max CPU support

32

32

64

24

24

32

2-Unlimited *4

Unlimited

Max Memory support

256GB

256GB

512GB

32GB- 2TB *4

32GB-2TB *4

32GB-1TB *4

4GB-128GB *4

Unlimited

Operating system support (servers)

Windows NT

✓

✓

✓

Windows 2000

✓

✓

✓

SP4, max 1 CPUs

SP4, max 1 CPUs

SP4, max 1 CPUs

✓ (no x64)

✓ (no x64)

Windows 2003

✓

✓

✓

SP2, max 2 CPUs

SP2, max 2 CPUs

SP2, max 2 CPUs

✓

✓

Windows 2008

✓

✓

✓

Max 4 CPUs

Max 4 CPUs

Max 4 CPUs

✓

✓

Mandrake Linux

✓

✓

✓

Ubuntu Linux

✓

✓

✓

SUSE Linux

✓

✓

✓

10 SP1/2, 1 CPU

10 SP1/2, 1 CPU

10 SP1/2, 1 CPU

✓

✓

RedHat Linux

✓

✓

✓

✓

✓

FreeBSD

✓

✓

✓

Netware

✓

✓

✓

SUN Solaris

✓

✓

✓

Management

Role based management	✓	✓	✓	✓	✓	✓	✓	✓	✓
P2V migration		✓	✓	✓	✓	✓	✓	✓	✓
Zero downtime host maintenance		✓	✓			✓	✓	✓	✓
Auto resource placement		✓	✓				✓ *1	✓	*1
Auto VM placement at startup		✓	✓				✓	✓	✓
Live VM migration (no downtime)		✓	✓		✓ *5	✓	✓	✓	*1

NOTE:

Hyper-V 2.0 is not released yet. Features are subject to change.

*1 With add-on

*2 After adding licenses

*3 Combined with vCenter Server

*4 Dependant on version (standard, enterprise, datacenter)

*5 Machine gets suspended during migration, cuts network connections, also to databases

*6 Only with 3rd party drivers