



NETAŞ Server

Operation System Compatibility List

Version: 4.3

NETAŞ TELEKOMÜNİKASYON A.Ş
Yenişehir Mahallesi Osmanlı Bulvarı Aeropark Sitesi
B Blok No:11B İç Kapı No:40
Postcode: 34912
Tel: +90 (216) 522 20 00
URL: <https://destek.netas.com.tr>
E-mail: info@netas.com.tr

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R4.1	2024-04-03	NCS6722 N4 compatibility list update NCS6722 N4 compatibility list update
R4.2	2024-04-10	NCS6722A N4 compatibility list update NCS6742 N4 compatibility list update NCS6744 N4 compatibility list update NCS6722 N4 compatibility list update NCS6712 N4 compatibility list update NCS6742G N4 compatibility list update NCS6722 N3 compatibility list update
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Foreword

Manual Description

This manual describes the operating system compatibility list of the NETAŞ server.

Intended Audience

This manual is intended for:

- Planning engineer
- Maintenance engineer

Overview

This manual contains the following contents:

Chapter	Overview
Chapter 1 NCS6722 N4 (Gen 4) Compatibility List	Describes the operating system compatibility list of the NCS6722 N4 (Gen 4) server.
Chapter 2 NCS6722 N3 Compatibility List	Describes the operating system compatibility list of the NCS6722A N3 server.
Chapter 3 NCS6722A N3 Compatibility List	Describes the operating system compatibility list of the NCS6722A N3 server.
Chapter 4 NCS6712 N4 Compatibility List	Describes the operating system compatibility list of the NCS6712 N4 server.
Chapter 5 NCS6722 N4 (Gen 5) Compatibility List	Describes the operating system compatibility list of the NCS6722 (Gen 5) N4 server.
Chapter 6 NCS6742G N4 Compatibility List	Describes the operating system compatibility list of the NCS6742G N4 server.
Chapter 7 NCS6742 N4 Compatibility List	Describes the operating system compatibility list of the NCS6742 N4 server.
Chapter 8 NCS6744 N4 Compatibility List	Describes the operating system compatibility list of the R8500 G5 server.
Chapter 9 NCS6722A N4 Compatibility List	Describes the operating system compatibility list of the NCS6722A N4 server.

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1 NCS6722 N4 (Gen 4) Compatibility

List

For the operating system compatibility list of the NCS6722 N4 (Gen- 4) server, refer to Table 1-1.

Table 1-1 Operating System Compatibility List of the NC6722 N4 (Gen4) Server

Operating System	Version
BC-Linux	V7.3 – V7.6, V8.2, and BC-Linux for Euler21.10
CentOS	Skylake: 6.9 – 6.10, 7.3 – 7.9, and 8.0 – 8.3 Cascade Lake: 7.6 – 7.9, 8.0 – 8.3
Citrix	Citrix Hypervisor 8.1 Citrix Hypervisor 8.2
FreeBSD	11.2
KylinOS	V4.0, V10 SP2
NeoKylin Server	V6.0
Oracle Linux	7.7 and 8.2
Red Flag Asianux Server	4.4, 7.3, and 7.6
Red Hat Enterprise Linux	Skylake: 6.9 – 6.10, 7.3 – 7.9, and 8.0 – 8.3 Cascade Lake: 7.6 – 7.9, 8.0 – 8.3
Red Hat OpenStack	9, 10, 11, 12, and 13 14.0-14.x, 15.0-15.x, and 16.0-16.x
SUSE	Skylake: 11.4, 12.2 – 12.5, 15.1, 15.1, 15.2 Cascade Lake: 12.4 – 12.5, 15.1, 15.1, 15.2
Ubuntu	14.04.5, 16.04, 16.04.1 – 16.04.6, 17.04, 17.10, 18.04, 18.04.1 – 18.04.3, 18.10, and 19.04
Vmware ESXi	Vmware ESXi 6.7U1~7.0U3 (Intel Xeon Gold 6100/5100, Silver 4100, Bronze 3100 (Skylake-SP) Series) Vmware ESXi 6.5~7.0 U3 (Intel Xeon Gold 6100/5100, Silver 4100, Bronze 3100 (Skylake-SP) Series) Vmware ESXi 6.7U1~7.0U3 (Intel Xeon Gold6200/5200(Cascade-Lake-SP/Refresh) Series)

Windows Server	Windows Server 2012R2 Windows Server 2016 Windows Server 2019
NETAŞ CGSL	V5, V5.03.20, V6.02.B0P2B9
Linx	Linx-6.0 .60.4, linx-6.0 .80
OpenEuler	20.03 LTS SP3 and 22.03 LTS SP3
FusionOS 22	22.0.1
Anolis	-
China Telecom ctyun	-
NFSChina	V3.1 and V4.0
Alibaba cloud	-
uniontechos	-
XenServer	-

2 NCS6722 N3 Compatibility List

For the operating system compatibility list of the NCS6722 N3 server, refer to Table 2-1.

Table 2-1 Operating System Compatibility List of the NCS6722 N3 Server

Operating System	Version
BC-Linux	V8.2
CentOS	7.8 and later 7.x branches (basic support) 8.2 and later 8.x branches
Citrix	-
FreeBSD	-
KylinOS	V10 SP1, V10 SP2, V10 SP3 and V10 SP4
NeoKylin Server	V7 Update6
Oracle Linux	7.9 and 8.2
Red Flag Asianux Server	7.6, 8.5
Red Hat Enterprise Linux	7.9 and later 7.x branches (basic support) 8.2 and later 8.x branches 9.0-9.x
Red Hat OpenStack	16.1-16.x
SUSE	15 SP2 and later 15.2 Server Full 15.2 Virtualization-KVM 15.2 Virtualization-XEN
Ubuntu	20.04 LTS and later, 22.04
Vmware ESXi	Vmware ESXI 6.7U3 、 7.0U2~7.0U3 、 8.0~8.0U1 (Intel Xeon Gold 6300/5300 (Ice-Lake-SP) Series) Vmware ESXI 6.7U3 、 7.0U2~7.0U3 (Intel Xeon Silver 4300 (Ice-Lake-SP) Series) Vmware ESXI 6.7U3 、 7.0U2~7.0U3 (Intel Xeon Platinum 8300 (Ice-Lake-SP) Series)
Windows Server	Windows Server 2016 LTSC Windows Server 2019 LTSC Windows Server 2022 LTSC Windows Server 20H1 Windows Server 20H2
NETAŞ CGSL	V6.02.B0P2B9
Linx	-

OpenEuler	20.03 LTS SP3
FusionOS 22	22.0.1
Anolis	7.9 and 8.6
China Telecom ctyun	2. 0.1
NFSChina	-
Alibaba cloud	-
uniontechos	UOS 20-1050a
XenServer	-

3 NCS6722A N3 Compatibility List

For the operating system compatibility list of the NCS6722A N3 server, refer to Table 3-1.

Table 3-1 Operating System Compatibility List of the NCS6722A N3 Server

Operating System	Version	
Processor	Rome	Milan
BC-Linux	-	-
CentOS	7.6 and 8.0	8.3
Citrix	Citrix Hypervisor 8.1	Citrix Hypervisor 8.2
FreeBSD	-	-
KylinOS	-	V10 SP2
NeoKylin Server	-	-
Oracle Linux	8.2	8.3
Red Flag Asianux Server	-	8.5
Red Hat Enterprise Linux	7.6 and 8.0	8.3
Red Hat OpenStack	-	-
SUSE	12 SP4 and 15 SP1	12 SP5 (update Mar 4
		2020 Kernel 4.12.14-122.17) 15 SP2
Ubuntu	16.04.6 LTS 18.04.3 LTS	20.04 LTS and later

Vmware ESXi	6.5 EP15 6.7 U3	6.7U3 P03 7.0U1, 7.0U2, and 7.0U3
Windows Server	Windows Server 2016 (256T not supported) Windows Server 2019 (updated may 2020)	Windows Server 2016 (256T not supported) Windows Server 2019 (Azure Stack HCI v1)
NETAŞ CGSL	-	NETAŞ CGSL V6.02.B0P2B9
Linx	-	-
OpenEuler	-	20.03 LTS SP3 and 22.03 LTS
FusionOS 22	22.0.1	22.0.1
Anolis	-	-
China Telecom ctyun	-	2. 0.1
NFSChina	-	-
Alibaba cloud	-	-
uniontechos	-	-
XenServer	Hypervisor 8.1	Hypervisor 8.1

4 NCS6712 N4 Compatibility List

For the operating system compatibility list of the NCS6712 N4 server, refer to Table 4-1.

Table 4-1 Operating System Compatibility List of the NCS6712 N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	-
KylinOS	-
NeoKylin Server	-
Oracle Linux	9.0、9.3(Emerald Rapids Series)
Red Flag Asianux Server	Red Flag Asianux Server 8.5

Red Hat Enterprise Linux	8.4 LTS *, 8.5 and later *,9.0-9.x,8.8+ &9.2+ (Emerald Rapids Series)
Red Hat OpenStack	17.0-17.x
SUSE	15 SP3 * and later *
Ubuntu	21.10. 22.04 LTS * and later *
Vmware ESXi	VMware ESXI 8.0~8.0U2 (Intel Xeon Gold 6400/5400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Platinum 8400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Silver 4400, Bronze 3400 (Sapphire-Rapids-SP) Series)
Windows Server	Windows Server 2019 LTSC Windows Server 2022 LTSC Windows 10 (CSME or SPS FW) Windows 11 (CSME or SPS FW)
NETAŞ CGSL	NETAŞ CGSL V6.06
Linx	-
OpenEuler	-
FusionOS 22	-
Anolis	-
China Telecom ctyun	-
NFSChina	-
Alibaba cloud	Alibaba Cloud Linux*
uniontechos	-
XenServer	-

5 NCS6722 N4 (Gen 5) Compatibility List

For the operating system compatibility list of the NCS6722N4 server, refer to Table 5-1.

Table 5-1 Operating System Compatibility List of the NCS6722 N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	-
KylinOS	V10-SP3
NeoKylin Server	-
Oracle Linux	9.3(Emerald Rapids Series)
Red Flag Asianux Server	8.5
Red Hat Enterprise Linux	8.4 LTS *, 8.5 and later *

	9. 0-9.x 8.8+ &9.2+ (Emerald Rapids Series)
Red Hat OpenStack	17.0-17.x
SUSE	SUSE 15 SP3* and later* Suse 15.4 Server Full Suse 15.4 Virtualization-KVM Suse 15.5 Server Full Suse 15.5 Virtualization-KVM Suse 15.5 Virtualization-XEN Suse 15 SP5(Emerald Rapids Series)
Ubuntu	Ubuntu 21.10 Ubuntu 22.04 LTS* and later*
Vmware ESXi	VMware ESXI 8.0~8.0U2 (Intel Xeon Silver 4400, Bronze 3400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Gold 6500/5500 (Emerald Rapids) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Silver 4500 (Emerald Rapids) Series)) Vmware ESXi 7.0~7.0U2 (Intel Xeon Gold 6500/5500 (Emerald Rapids) Series)) Vmware ESXi 7.0~7.0U2 (Intel Xeon Gold 6400/5400 (Sapphire-Rapids-SP) Series)
Windows Server	Windows Server 2019 LTSC Windows Server 2022 LTSC Windows 10 (CSME or SPS FW) Windows 11 (CSME or SPS FW) Windows Server 2019 LTSC(Emerald Rapids Series)
NETAŞ CGSL	NETAŞ CGSL V6.06
Linx	-
OpenEuler	-
FusionOS 22	-
Anolis	-
China Telecom ctyun	-
NFSChina	-
Alibaba cloud	Alibaba Cloud Linux*
uniontechos	-
XenServer	-

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6 NCS6742G N4 Compatibility List

For the operating system compatibility list of the NCS6742G N4 server, refer to Table 6-1.

Table 6-1 Operating System Compatibility List of the NCS6742G N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	-
KylinOS	-
NeoKylin Server	-
Oracle Linux	9.0
Red Flag Asianux Server	Red Flag Asianux Server 8.5
Red Hat Enterprise Linux	8.4 LTS *, 8.5 and later *, 9.0-9.x, 9.2~9.X (Emerald Rapids Series)
Red Hat OpenStack	17.0-17.x
SUSE	15 SP3 * and later * 15.4 Server Full 15.4 Virtualization-KVM 15.4 Virtualization-XEN
Ubuntu	Ubuntu 21.10 Ubuntu 22.04 LTS* and later*
Vmware ESXi	VMware ESXi 8.0~8.0U2 (Intel Xeon Gold 6400/5400 (Sapphire-Rapids-SP) Series) VMware ESXi 8.0~8.0U2 (Intel Xeon Silver 4400, Bronze 3400 (Sapphire-Rapids-SP) Series) VMware ESXi 8.0~8.0U2 (Intel Xeon Platinum 8400 (Sapphire-Rapids-SP) Series)
Windows Server	Windows Server 2019 LTSC Windows Server 2022 LTSC Windows 10 (CSME or SPS FW) Windows 11: CSME or SPS FW
NETAŞ CGSL	-
Linx	-
OpenEuler	-

FusionOS 22	-
Anolis	-
China Telecom ctyun	-
NFSChina	-
Alibaba cloud	Alibaba Cloud Linux*
uniontechos	-
XenServer	-

7 NCS6742 N4 Compatibility List

For the operating system compatibility list of the NCS6744 N4 server, refer to Table 7-1.

Table 7-1 Operating System Compatibility List of the NCS6744 N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	-
KylinOS	-
NeoKylin Server	-
Oracle Linux	9.3(Emerald Rapids Series)
Red Flag Asianux Server	Red Flag Asianux Server 8.5
Red Hat Enterprise Linux	8.4 LTS *, 8.5 and later *,9.0-9.x,8.8+ & 9.2+ (Emerald Rapids Series)
Red Hat OpenStack	17.0-17.x
SUSE	15 SP3 * and later *
Ubuntu	Ubuntu 21.10 Ubuntu 22.04 LTS* and later*
Vmware ESXi	VMware ESXI 8.0~8.0U2 (Intel Xeon Platinum 8400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Gold 6400/5400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Silver 4400(Sapphire-Rapids-SP) Series)

Windows Server	Windows Server 2019 LTSC Windows Server 2022 LTSC Windows 10 (CSME or SPS FW) Windows 11 (CSME or SPS FW) Windows Server 2019 LTSC(Emerald Rapids Series) Windows Server 2022(LTSC(Emerald Rapids Series)
NETAŞ CGSL	NETAŞ CGSL V6.06
Linx	-
OpenEuler	-
FusionOS 22	-
Anolis	-
China Telecom ctyun	CTYUN 23.01
NFSChina	-
Alibaba cloud	Alibaba Cloud Linux*
uniontechos	-
XenServer	-

8 NCS6744 N4 Compatibility List

For the operating system compatibility list of the NCS6744 N4 server, refer to Table 8-1.

Table 8-1 Operating System Compatibility List of the NCS6744 N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	-
KylinOS	-
NeoKylin Server	-
Oracle Linux	9.0
Red Flag Asianux Server	Red Flag Asianux Server 8.5
Red Hat Enterprise Linux	RHEL 8.4 LTS* RHEL 8.5 and later* RHEL 9.0~9.X
Red Hat OpenStack	-
SUSE	15 SP3 * and later *

Ubuntu	Ubuntu 21.10 Ubuntu 22.04 LTS* and later*
Vmware ESXi	VMware ESXI 8.0~8.0U2 (Intel Xeon Gold 6400/5400 (Sapphire-Rapids-SP) Series) VMware ESXI 8.0~8.0U2 (Intel Xeon Platinum 8400 (Sapphire-Rapids-SP) Series) Vmware ESXi 7.0~7.0U2 (Intel Xeon Platinum 8400 (Sapphire-Rapids-SP) Series)
Windows Server	Windows Server 2019 LTSC Windows Server 2022 LTSC Windows 10 (CSME or SPS FW) Windows 11 (CSME or SPS FW)
NETAŞ CGSL	NETAŞ CGSL V6.06
Linx	-
OpenEuler	-
FusionOS 22	-
Anolis	-
China Telecom ctyun	-
NFSChina	-
Alibaba cloud	Alibaba Cloud Linux*
uniontechos	-
XenServer	-

9 NCS6722A N4 Compatibility List

For the operating system compatibility list of the NCS6722A N4 server, refer to Table 9-1.

Table 9-1 Operating System Compatibility List of the NCS6722A N4 Server

Operating System	Version
BC-Linux	-
CentOS	-
Citrix	-
FreeBSD	FreeBSD 13.1 and later
KylinOS	-
NeoKylin Server	-

Oracle Linux	Oracle Linux 8.6 and later Oracle Linux 9.0 and later (Plus August 26, 2022 update: UEK 6U3 install on Oracle Linux 8.6 base UEK 7 install on Oracle Linux 8.6, 9.0 base)
Red Flag Asianux Server	Red Flag Asianux Server 8.5
Red Hat Enterprise Linux	RHEL 8.6 and later RHEL 9.0 and later
Red Hat OpenStack	-
SUSE	SUSE 15 SP4 and later
Ubuntu	Ubuntu 20.04.5 and later Ubuntu 22.04 and later
Vmware ESXi	Vmware ESXi 7.0U3i and later Vmware ESXi 8.0-8.0U2 (AMD EPYC 9004 Series)
Windows Server	Windows Server 2019(Windows Server 2019 (WS'19) requires Windows Update 9C (3rd week Sept'22) for bare-metal support (KB5017379). WS'19 Hyper-V support requires Windows Update 10B (KB5018419).) Windows Server 2022(WS'22 requires Dec.'21 .iso or injecting KB5007254 patch into existing WS22 .iso. WS'22 Hyper-V patch was released as Windows update 2C (KB5010421))

	Azure Stack HCI(Azure Stack HCI 22H2/v3 GA'd on 10/12/2022.)
NETAŞ CGSL	-
Linx	-
OpenEuler	-
FusionOS 22	-
Anolis	-
China Telecom ctyn	-
NFSChina	-
Alibaba cloud	-
uniontechos	-
XenServer	Hypervisor 8.2